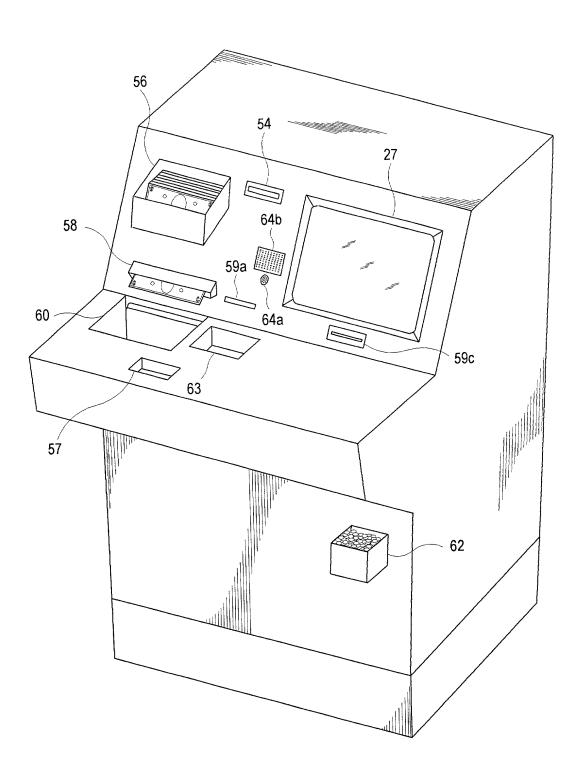


FIG. 1b



<u>FIG. 1c</u>

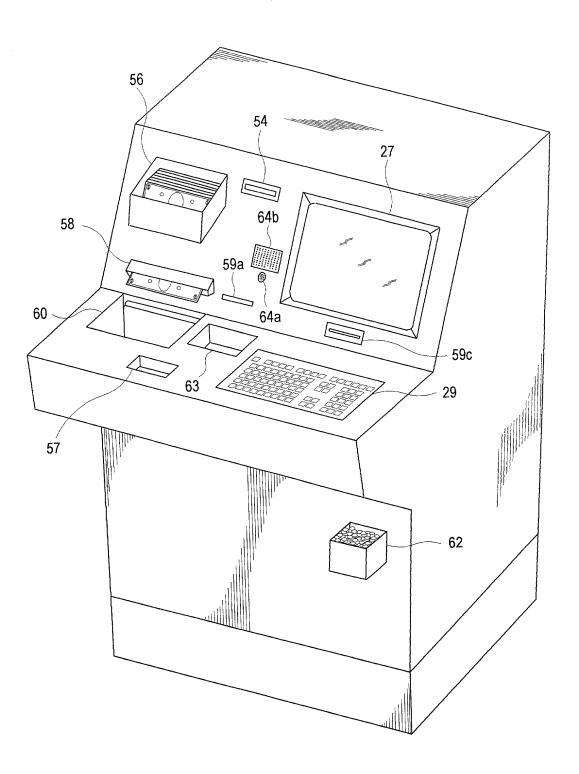
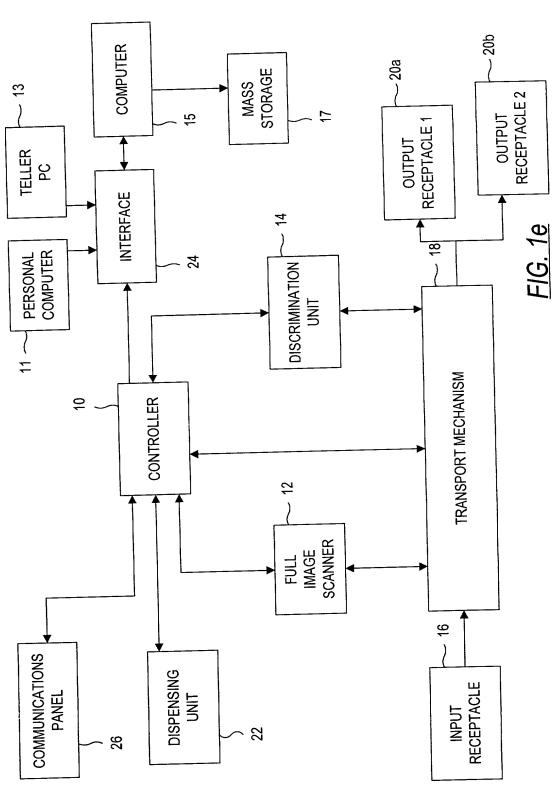
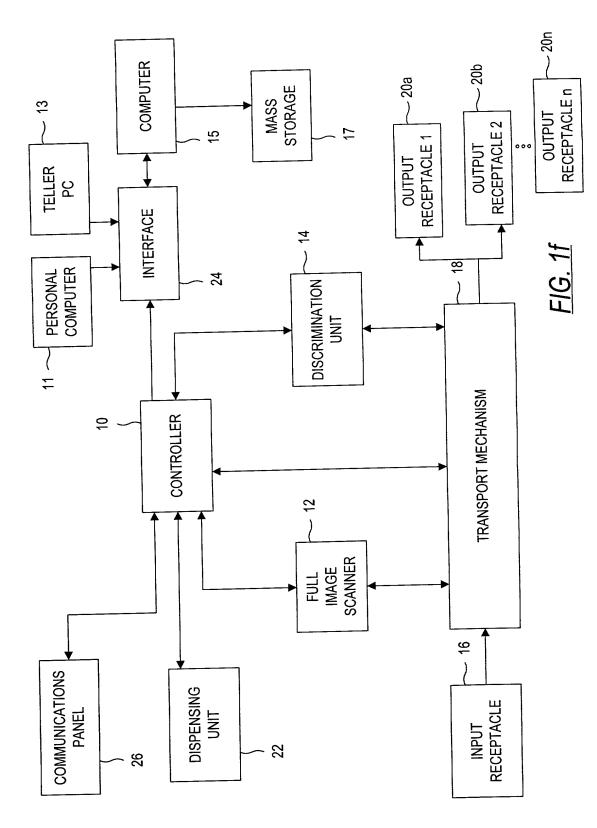
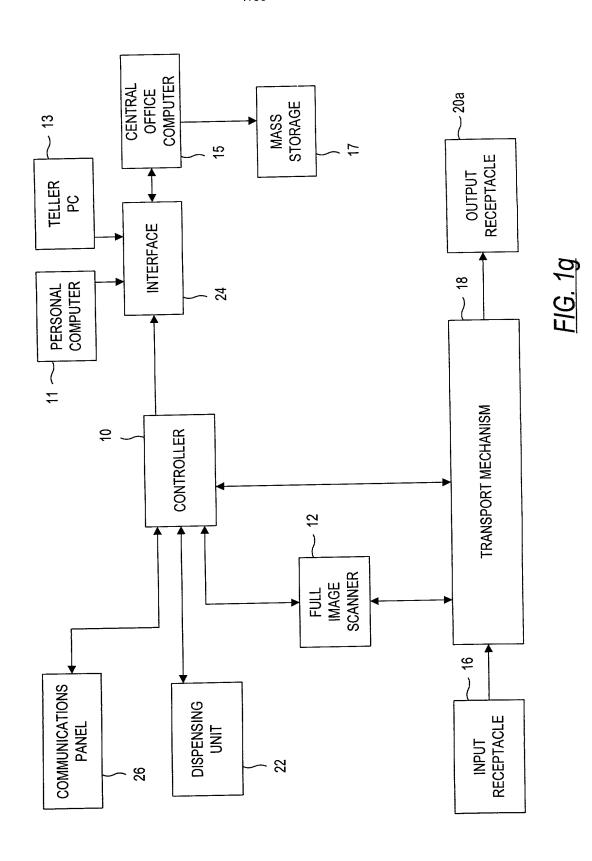
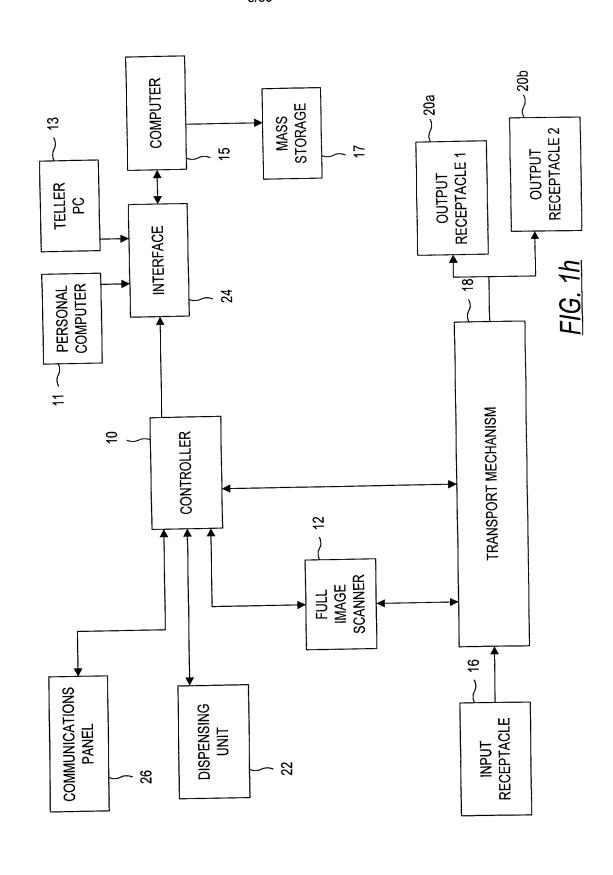


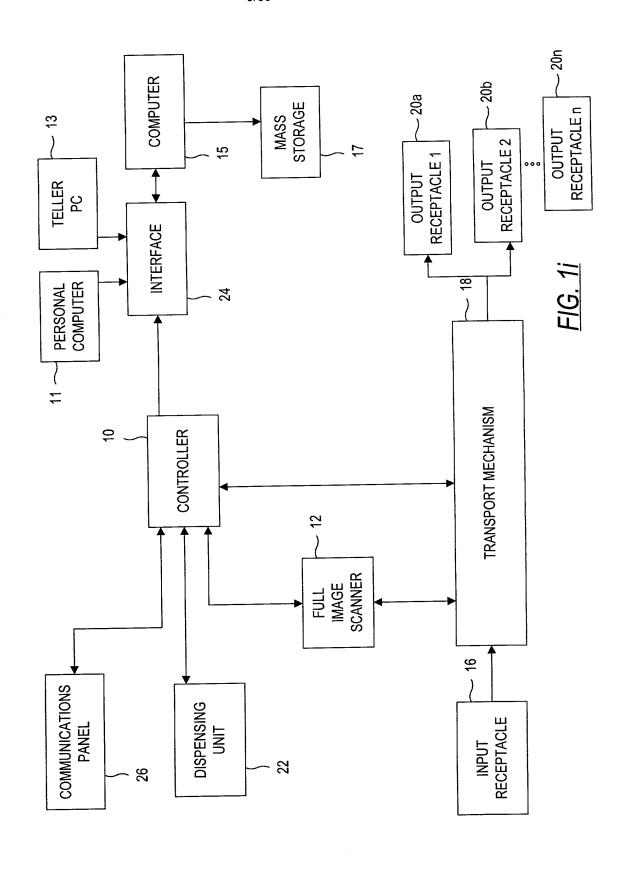
FIG. 1d

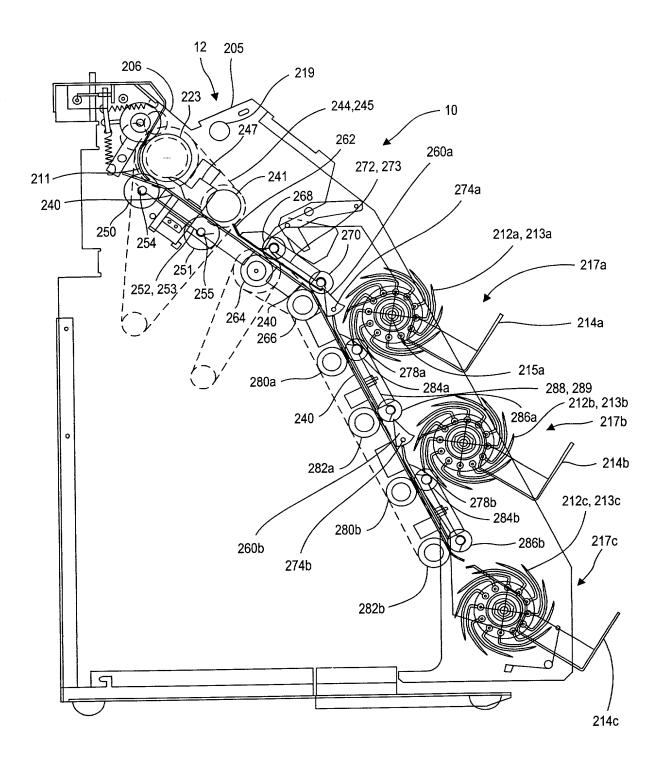




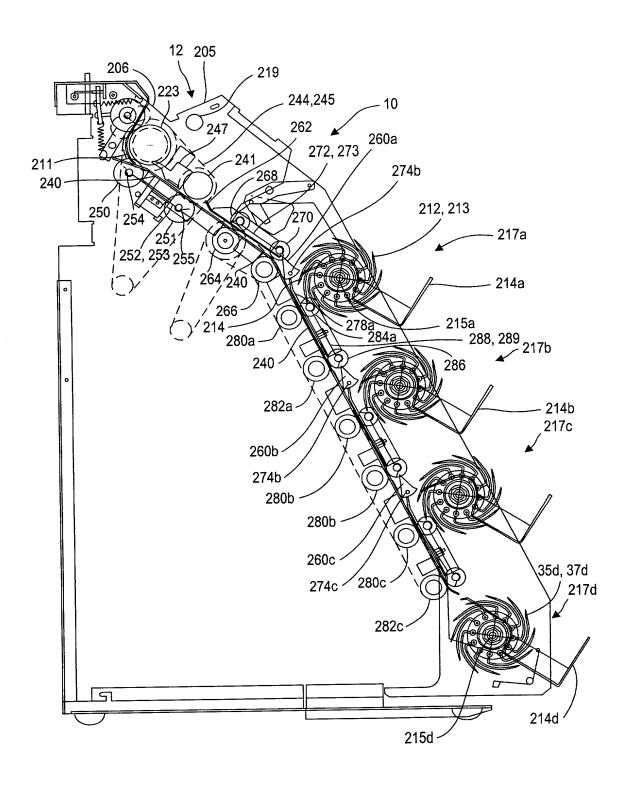




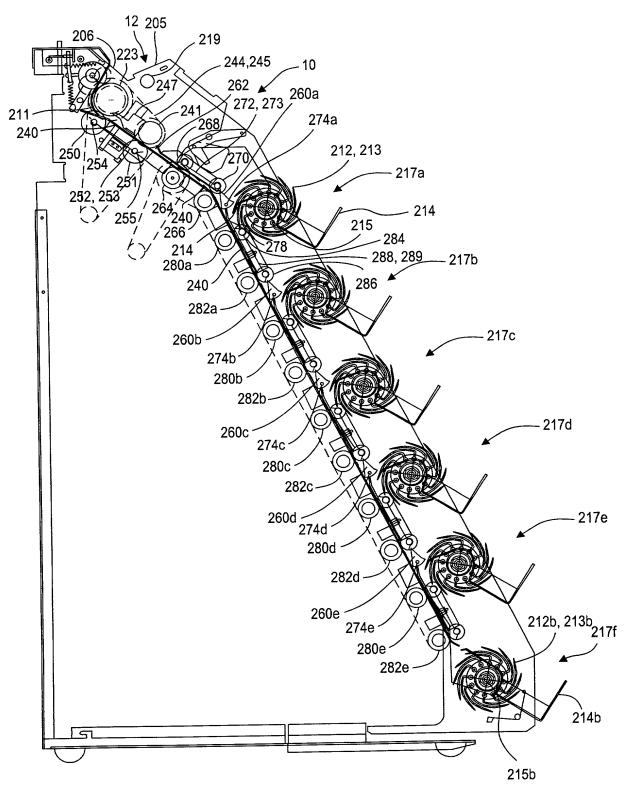




<u>FIG. 1j</u>



<u>FIG. 1k</u>



<u>FIG. 11</u>

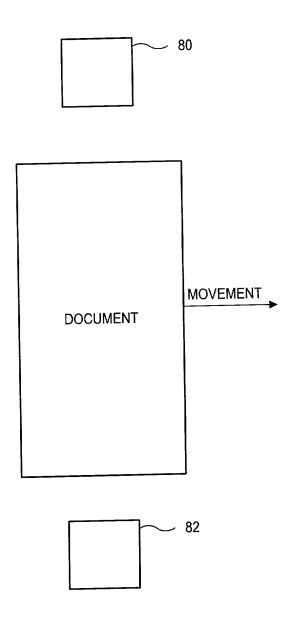
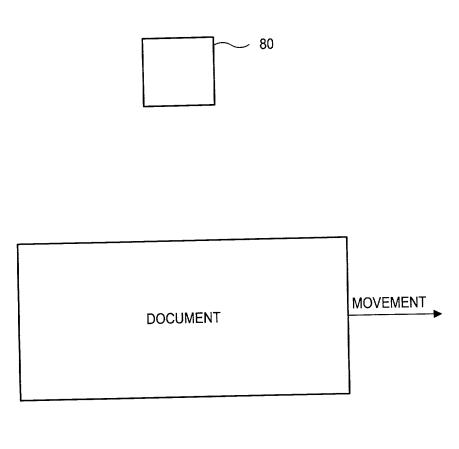


FIG. 1m



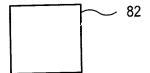


FIG. 1n

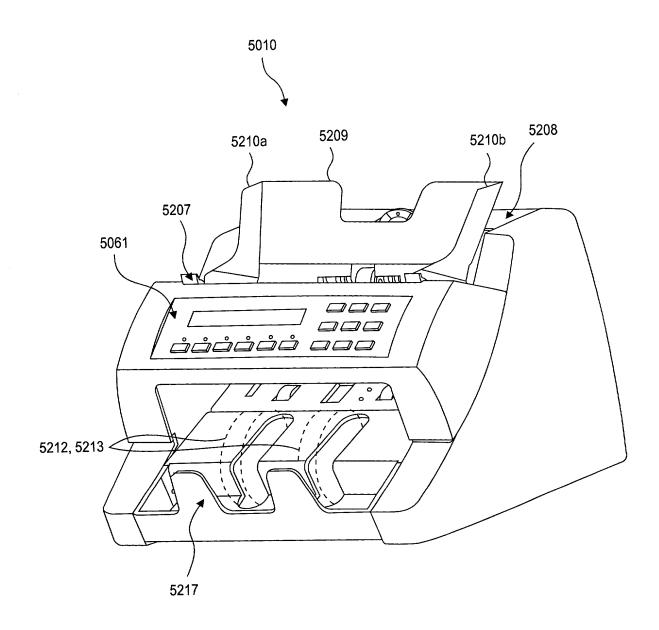
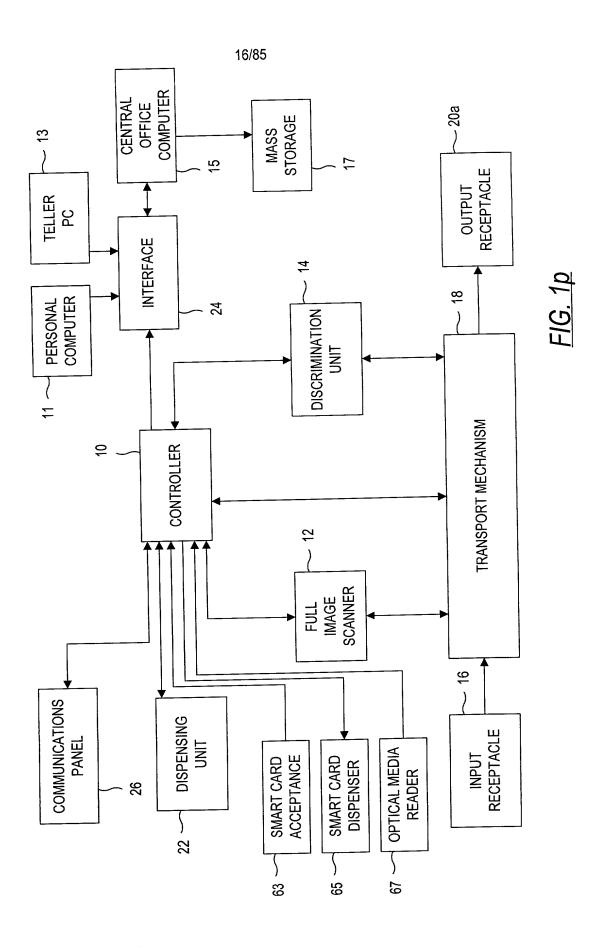


FIG. 10



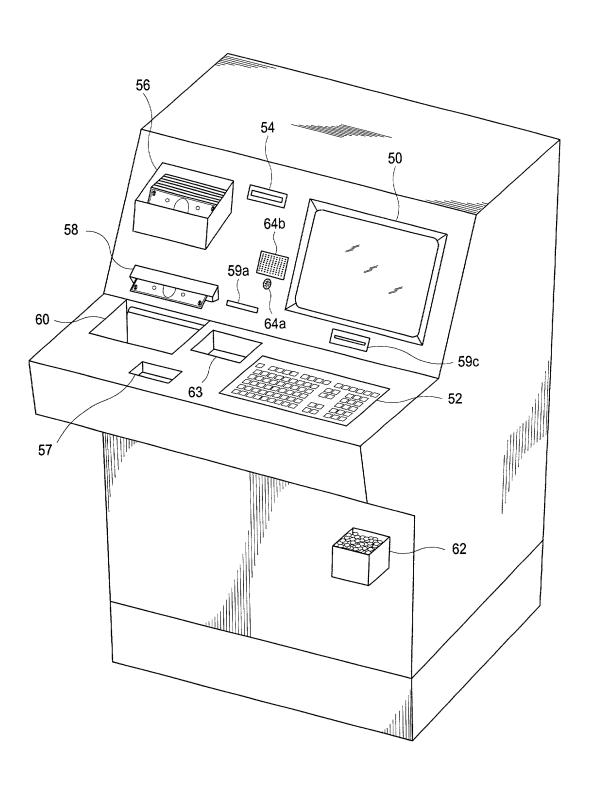
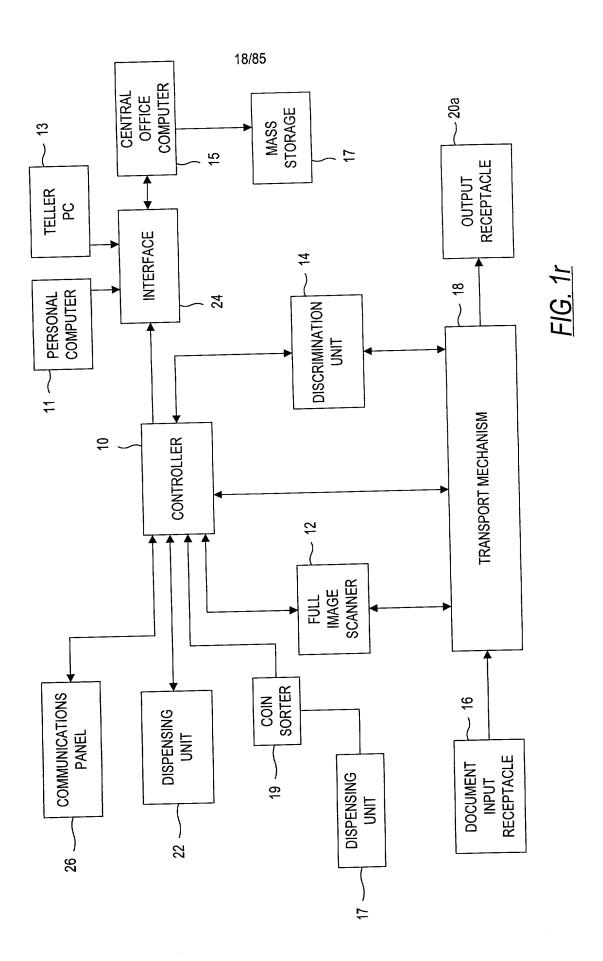


FIG. 1q



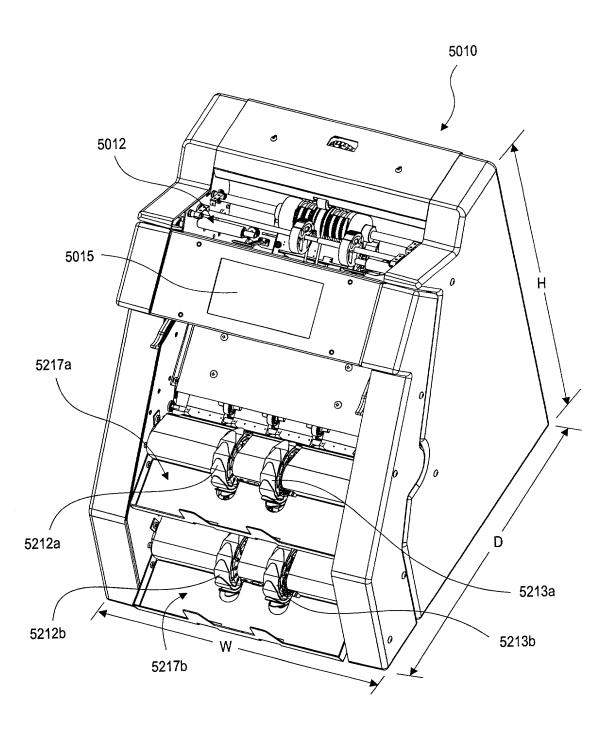
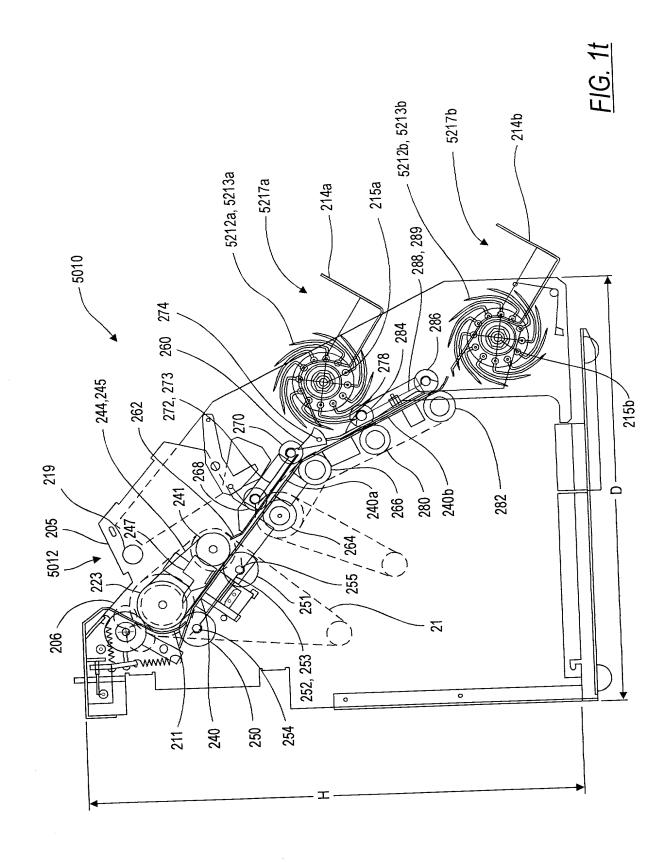
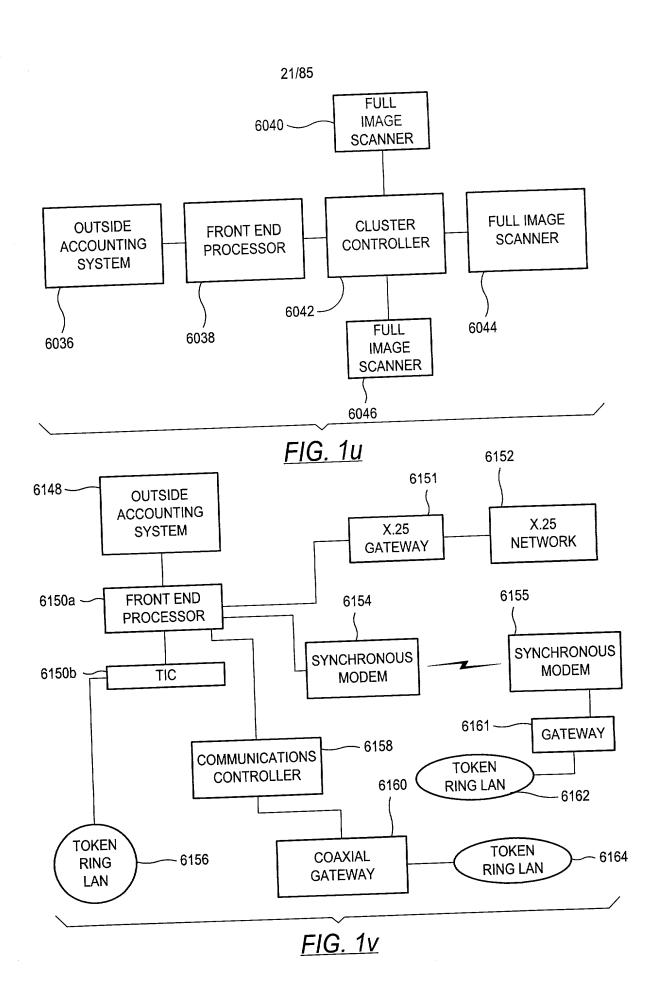
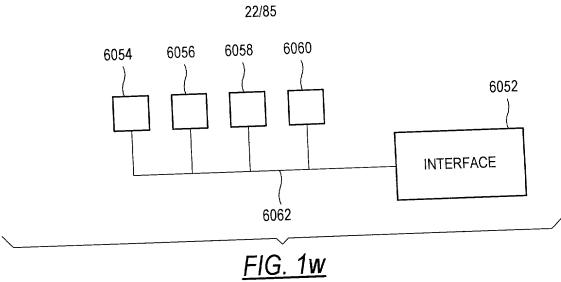


FIG. 1s







INTERFACE FIG. 1x INTERFACE - 6062 6056 -FIG. 1y 

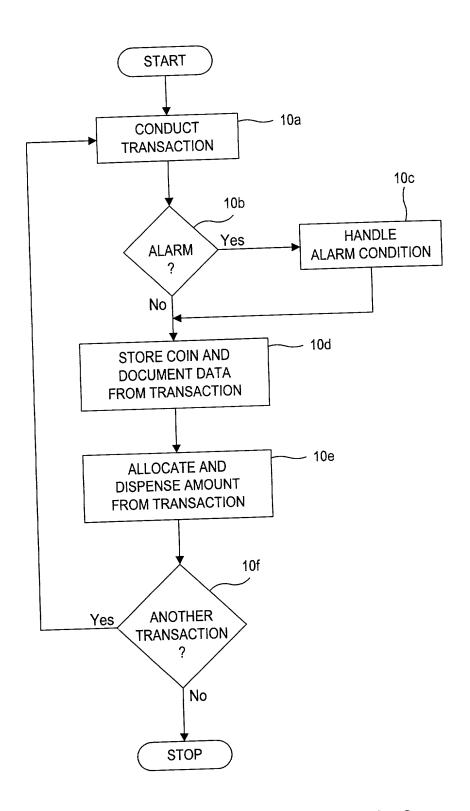
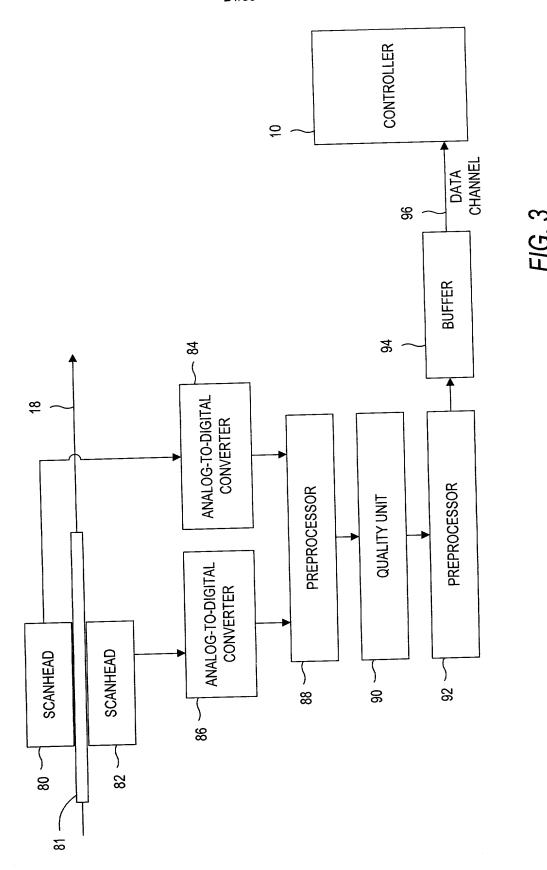
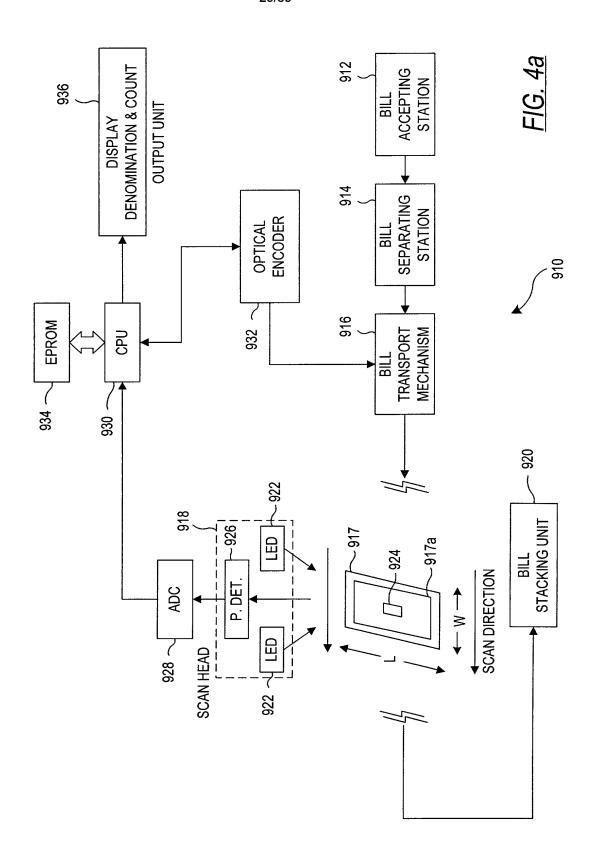


FIG. 2





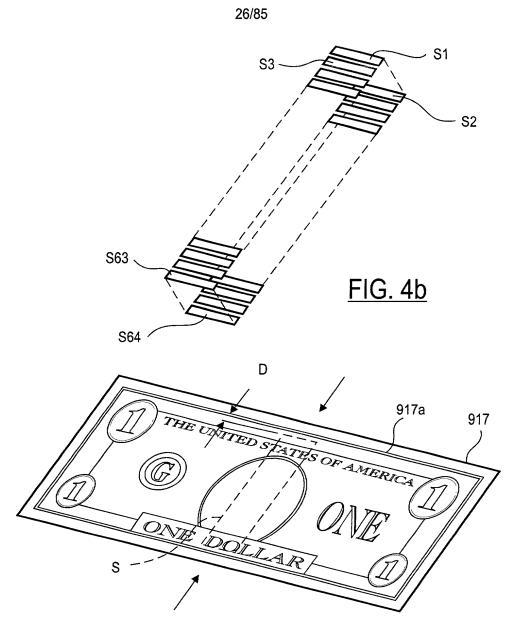


FIG. 4c

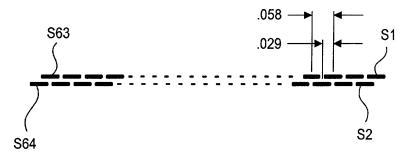
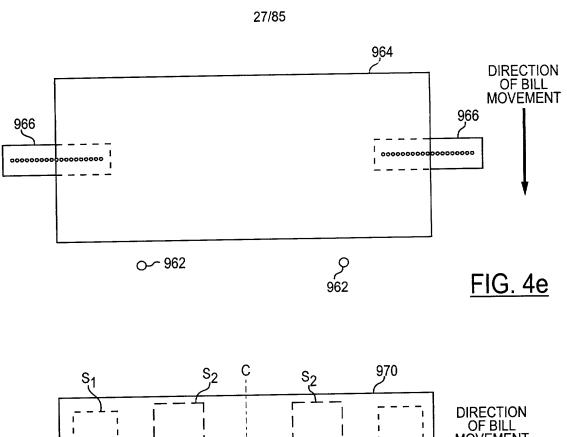


FIG. 4d



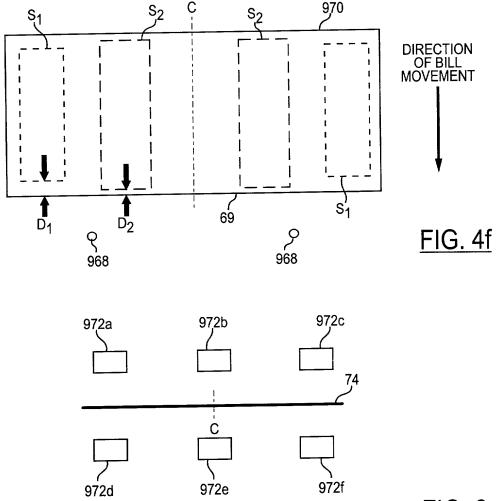


FIG. 6

\$ 20 BEFORE SHIFTING: CORR = 644

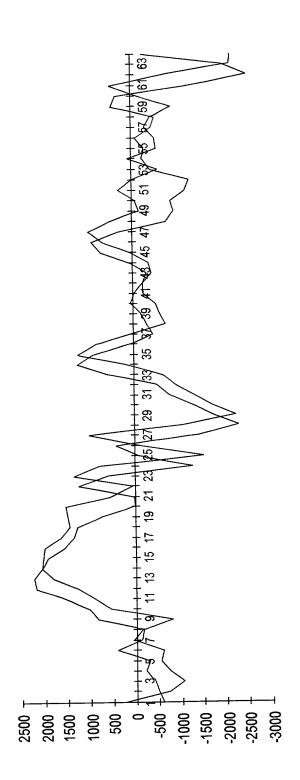


FIG 59

\$ 20 AFTER SHIFTING: CORR = 966

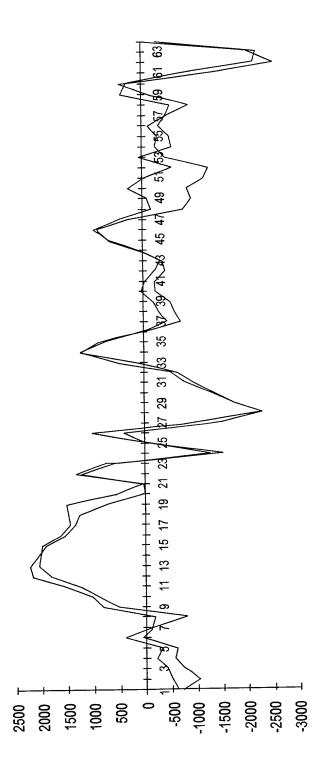
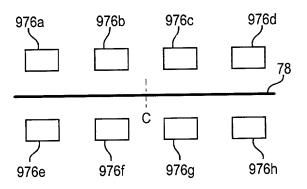


FIG. 5b



<u>FIG. 7</u>

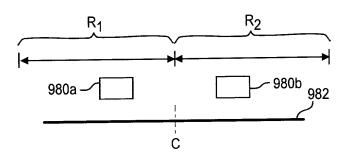
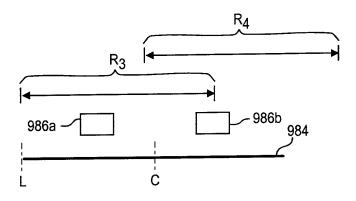


FIG. 8



<u>FIG. 9</u>

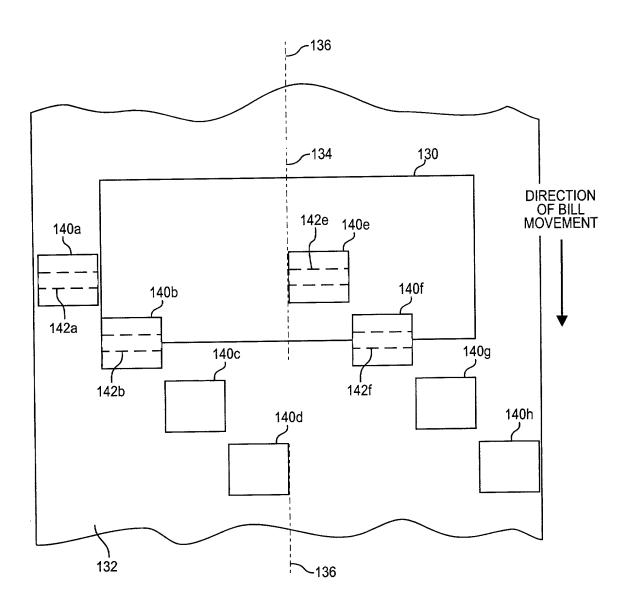


FIG. 10

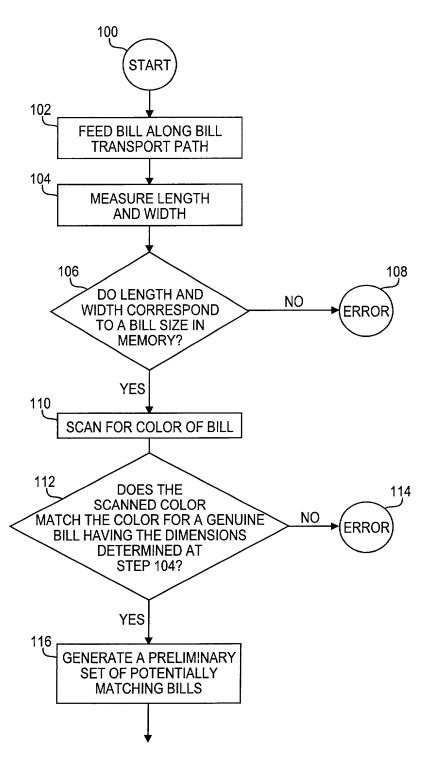


FIG. 11a

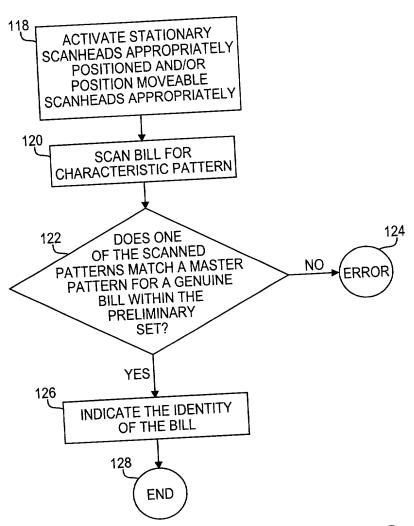
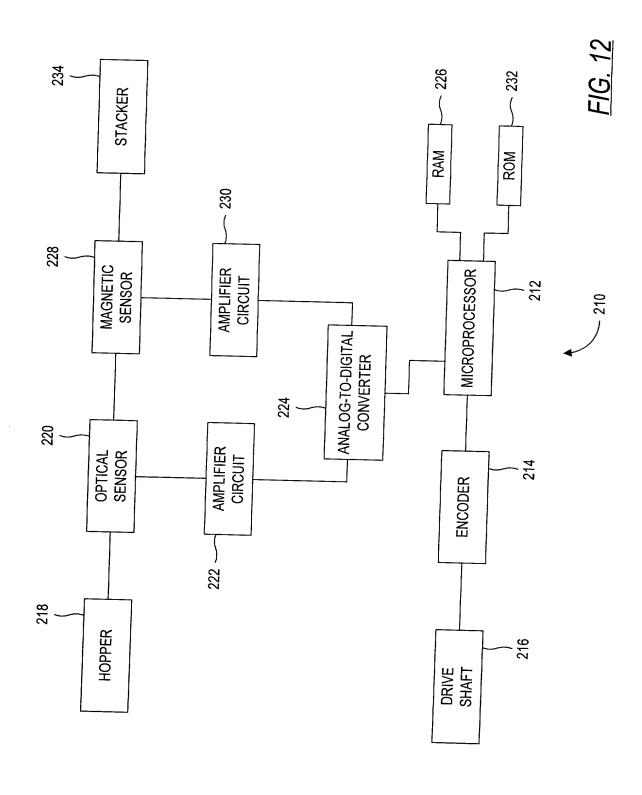


FIG. 11b



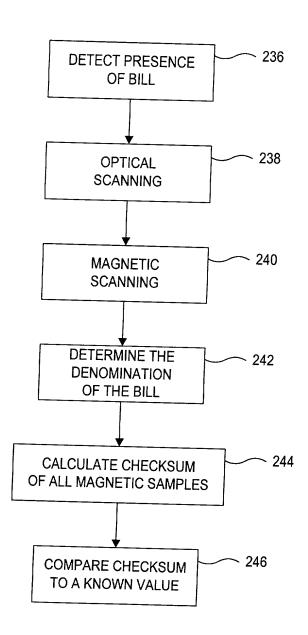
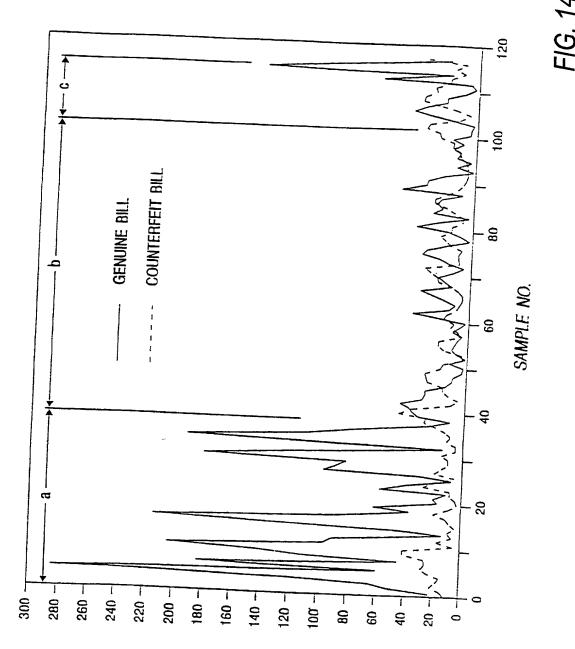
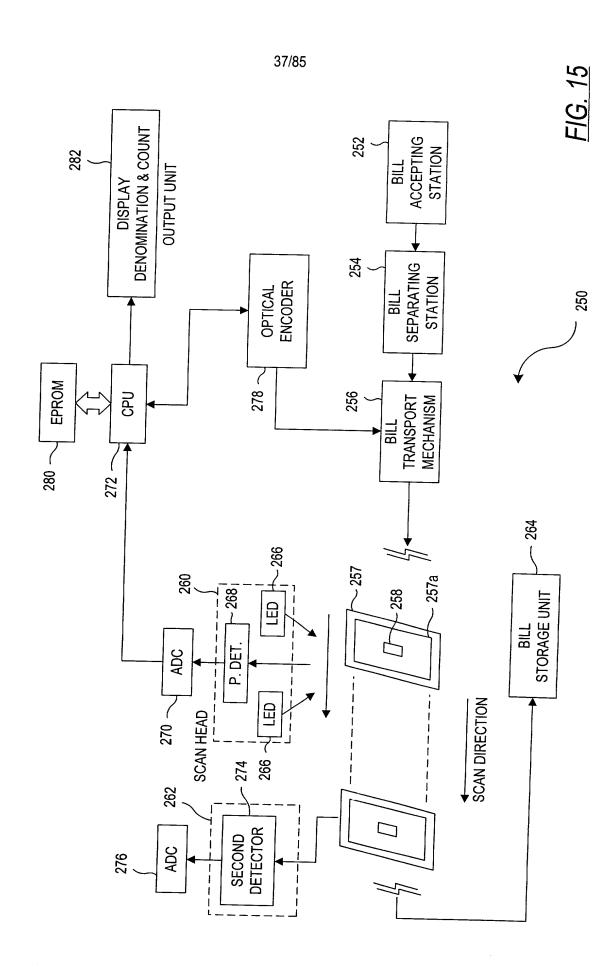


FIG. 13

DIGITIZED MAGNETIC SENSOR READING





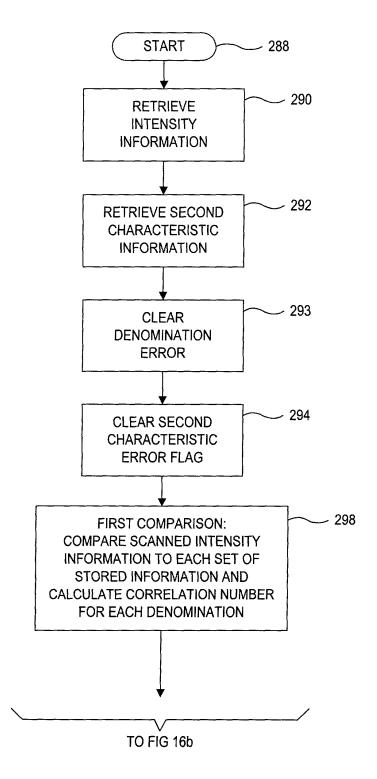
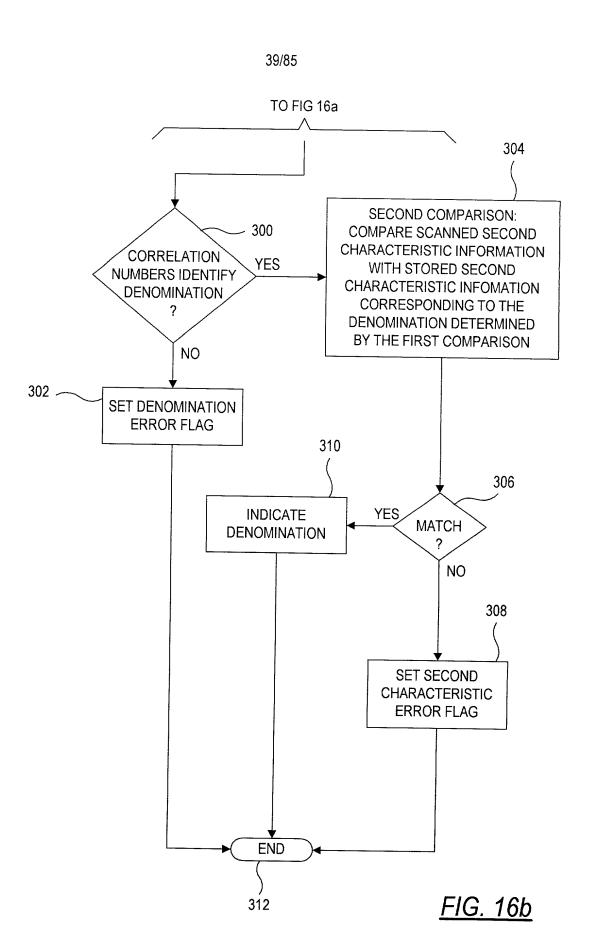


FIG. 16a



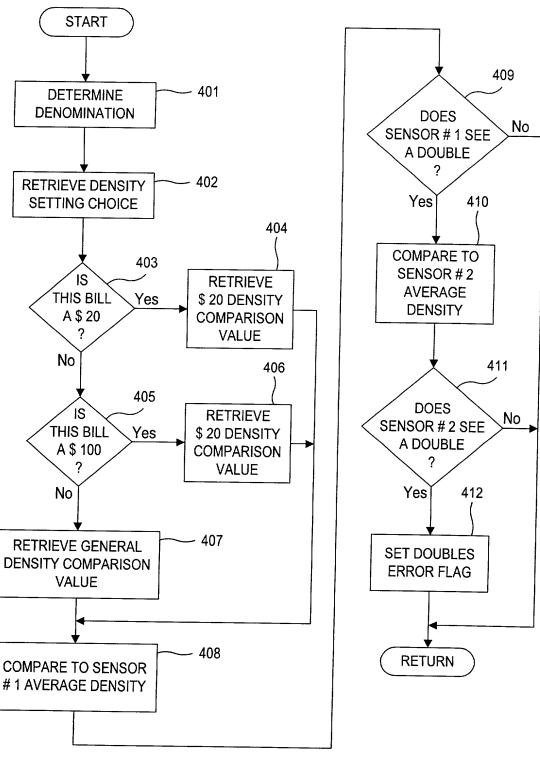
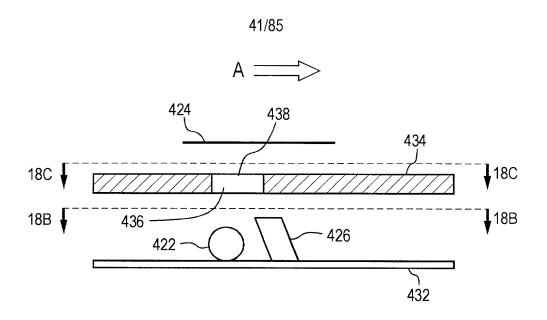
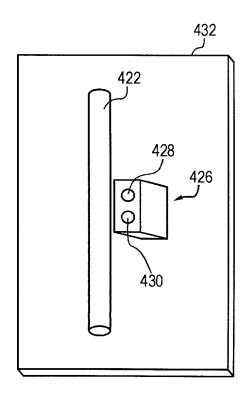


FIG. 17



<u>FIG. 18a</u>



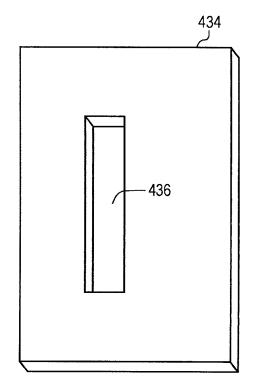


FIG. 18b

FIG. 18c

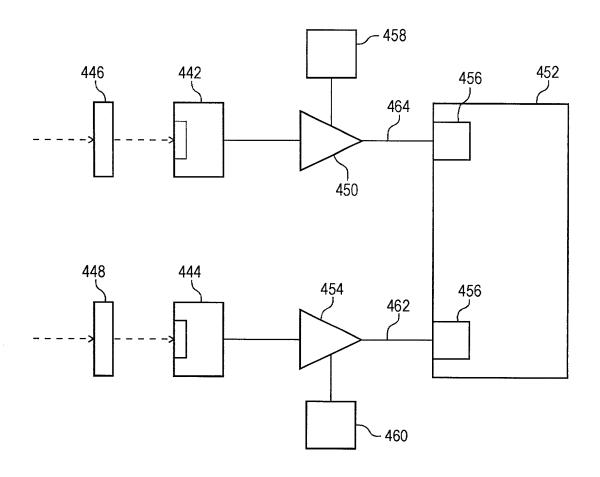


FIG. 19

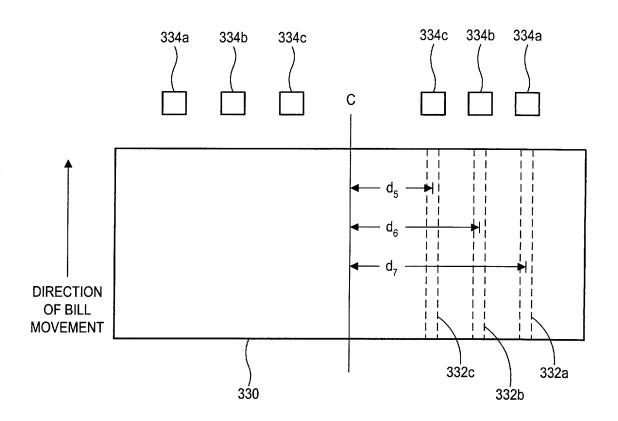
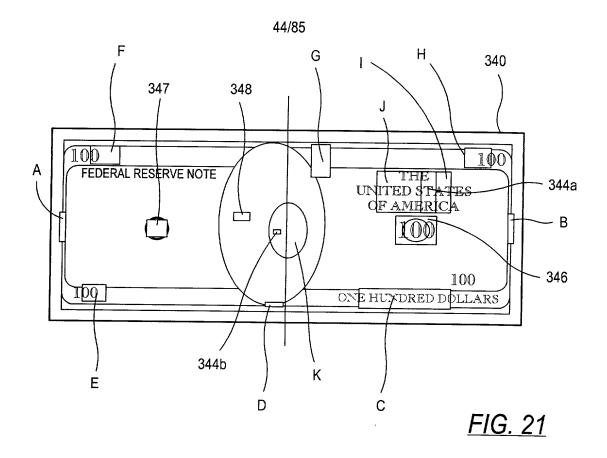
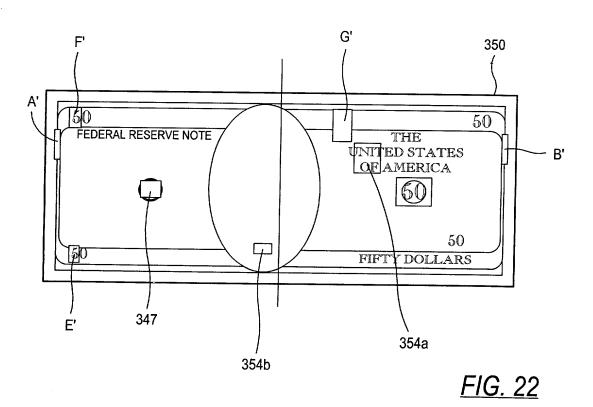
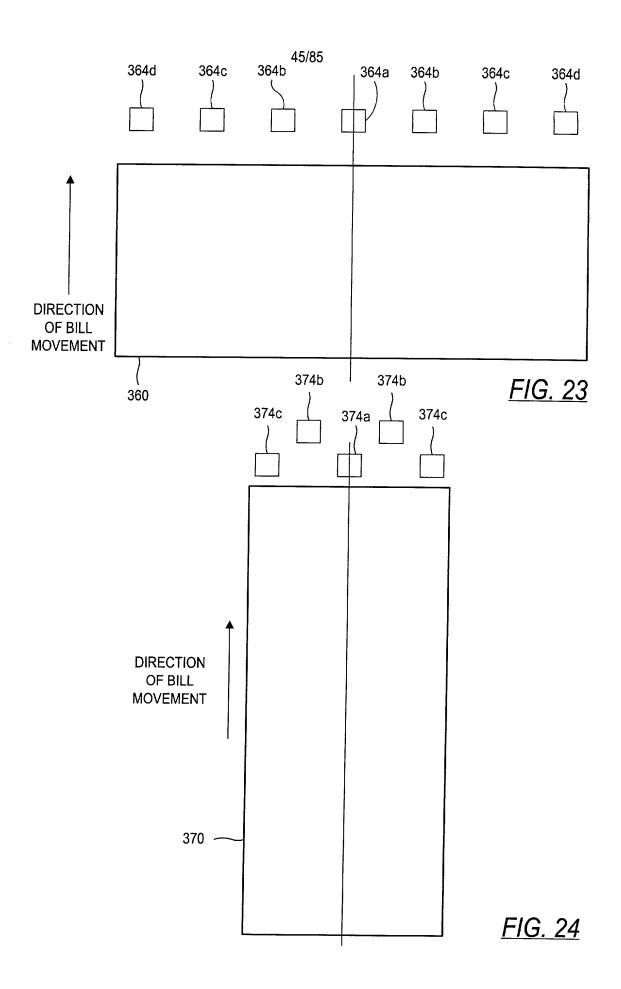
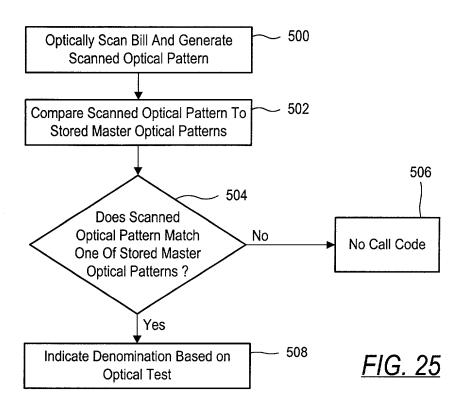


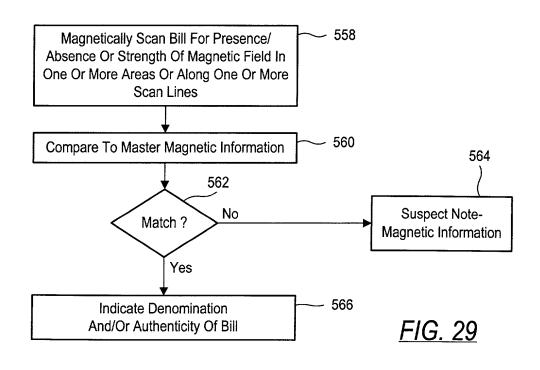
FIG. 20

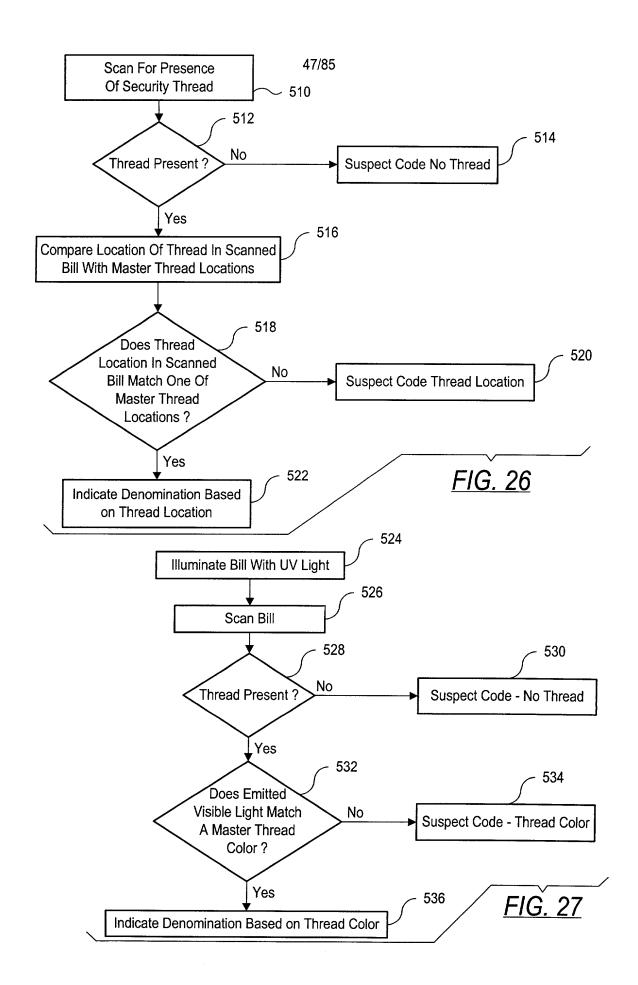


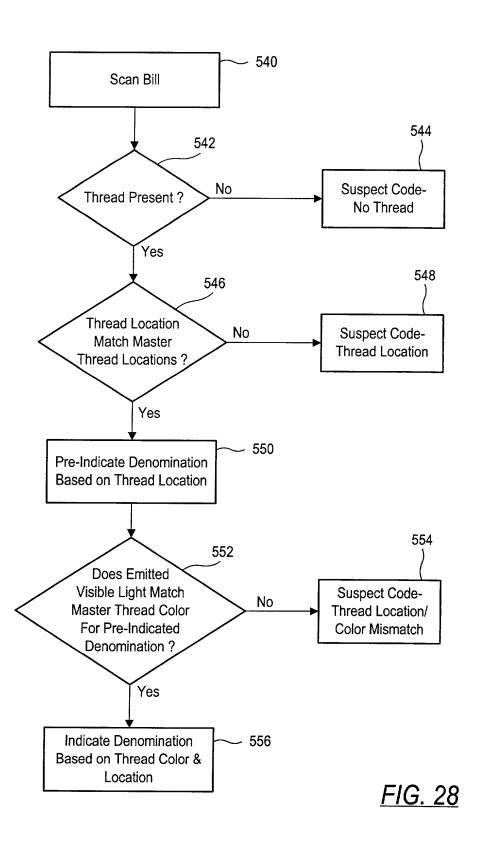


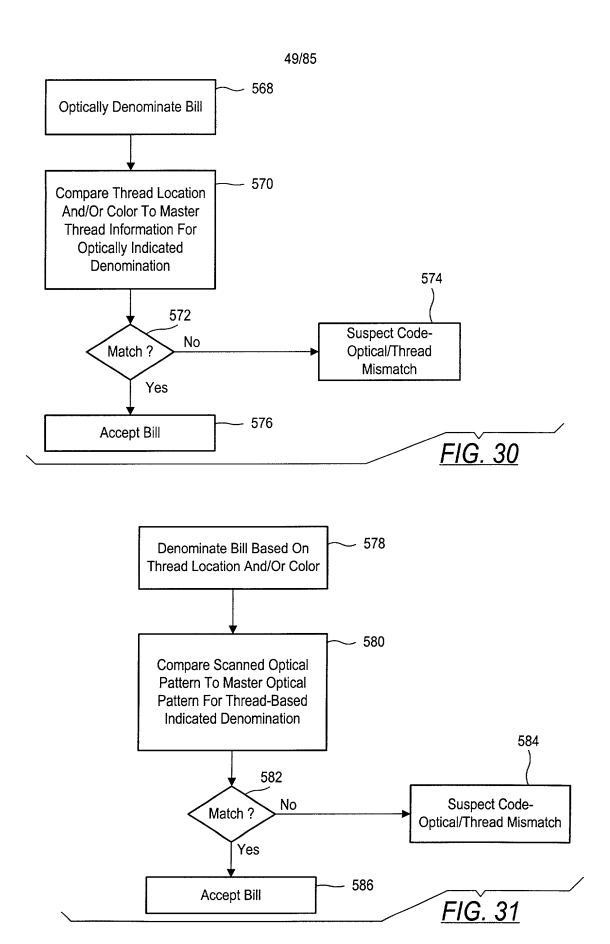


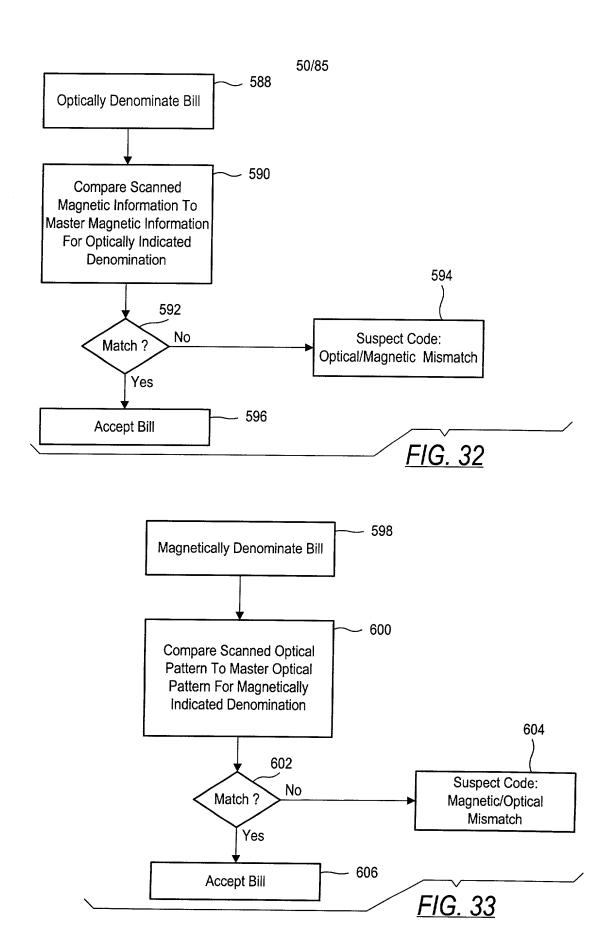


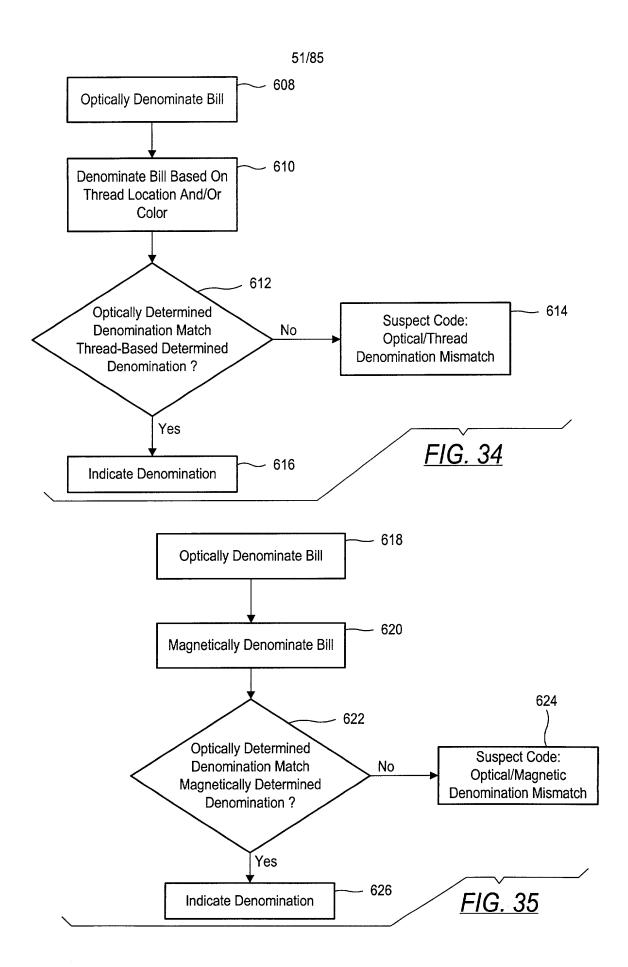


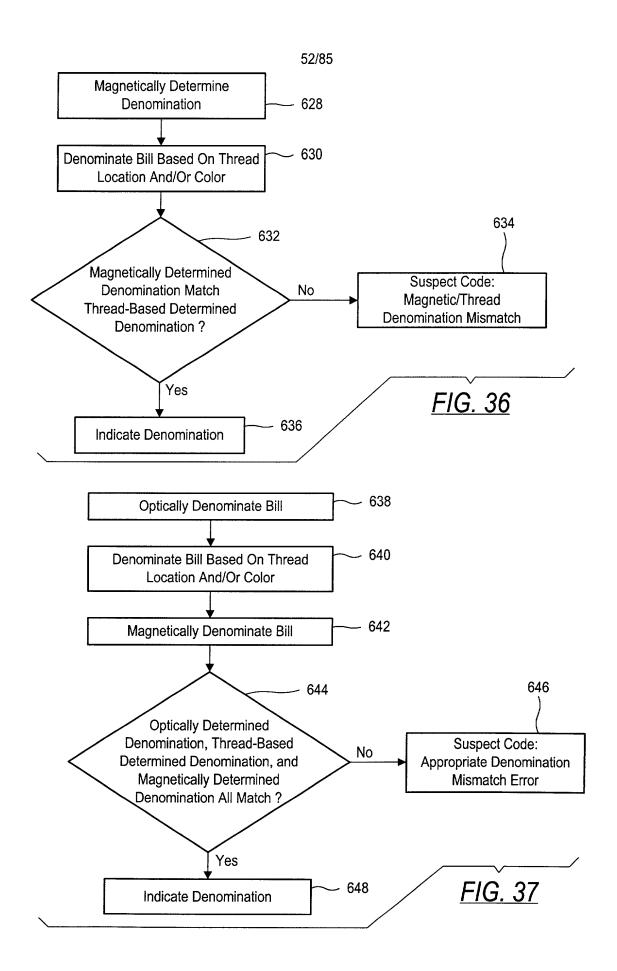












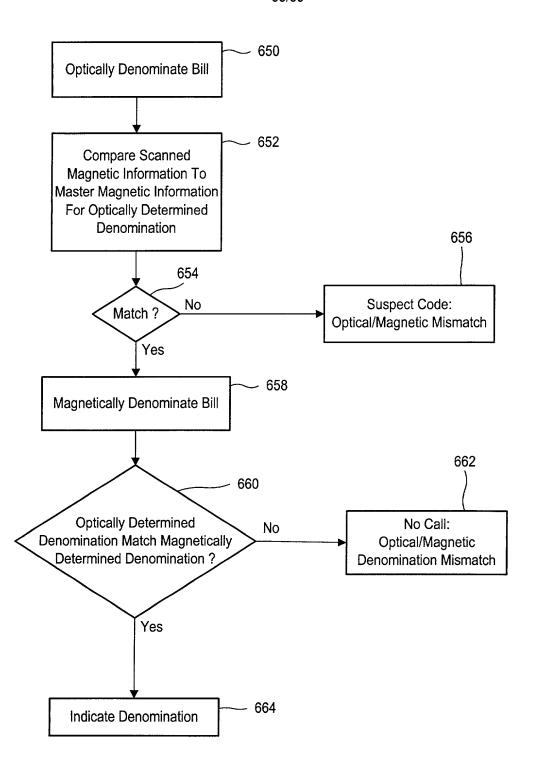


FIG. 38

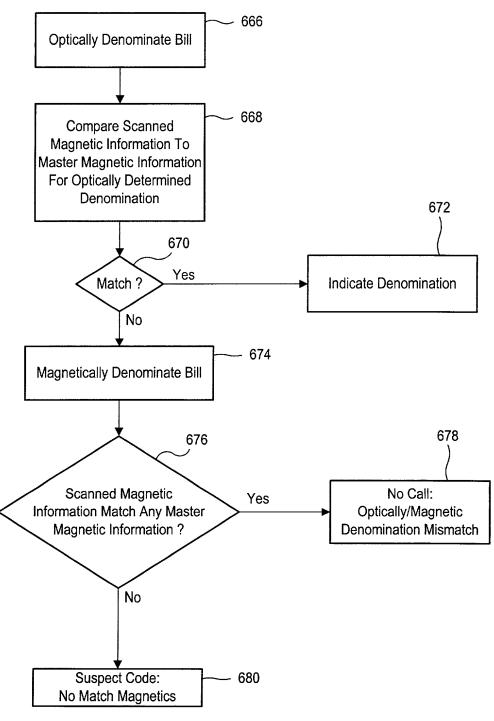


FIG. 39

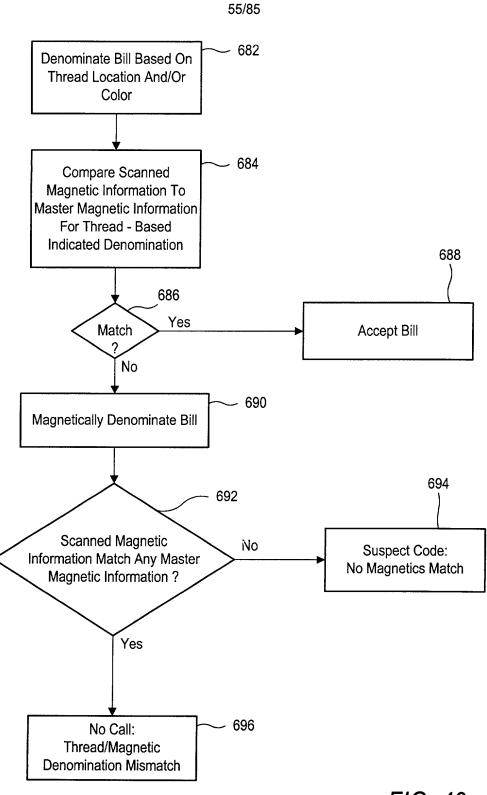


FIG. 40

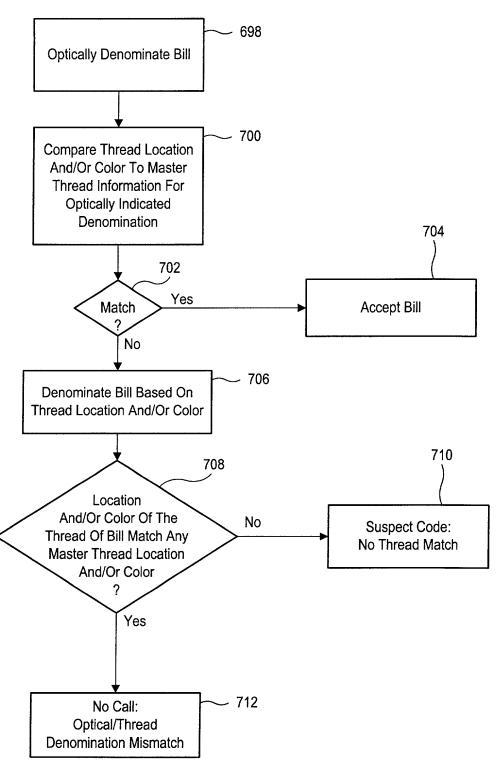
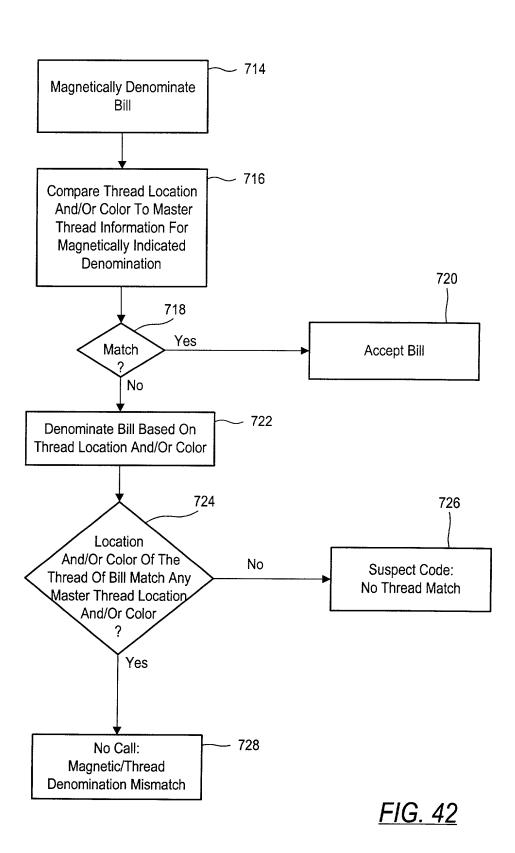
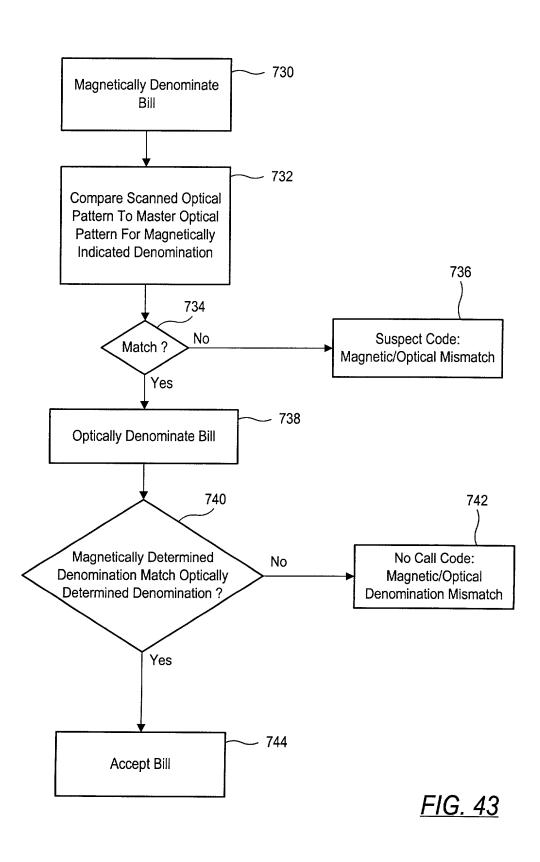
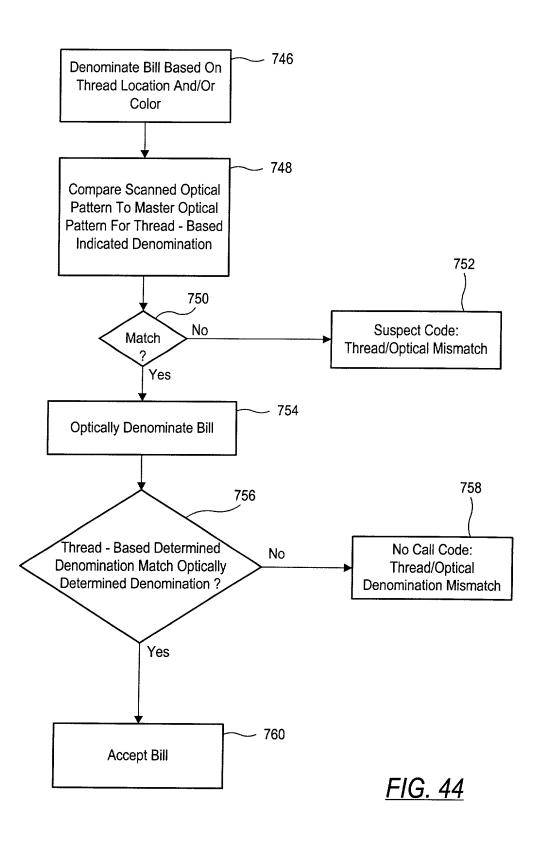
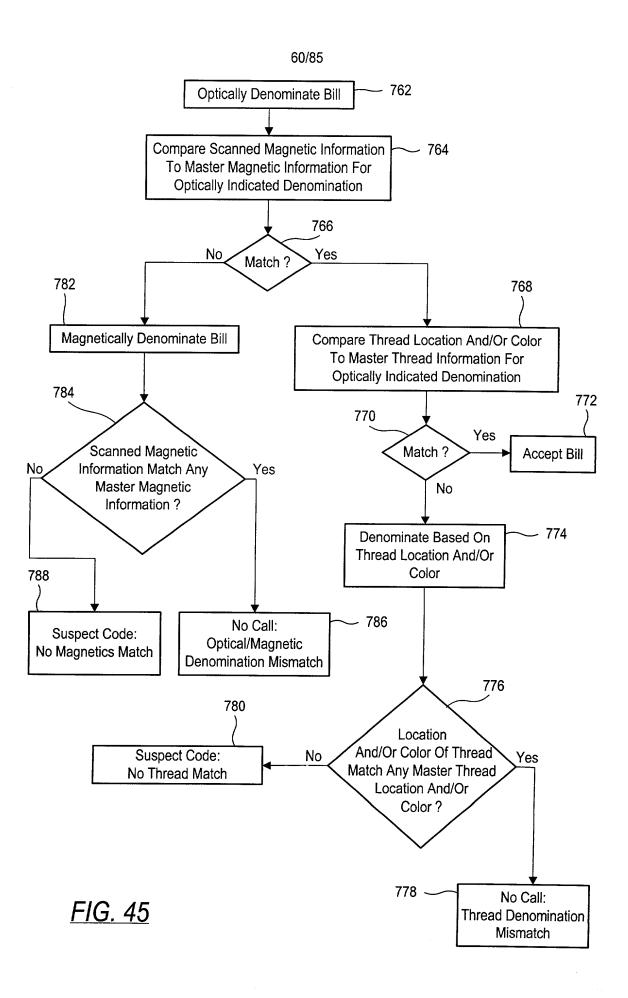


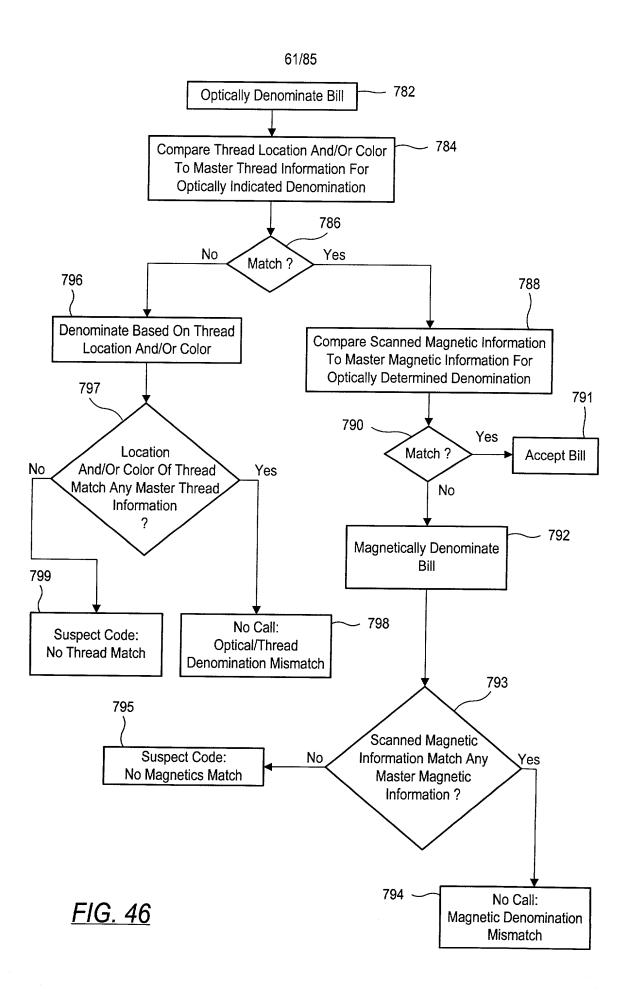
FIG. 41

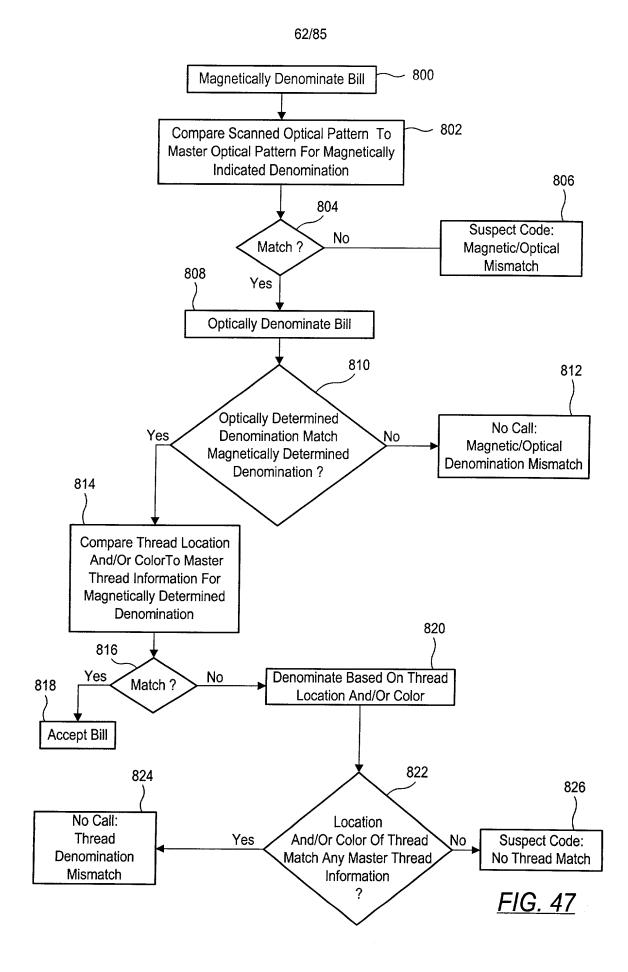


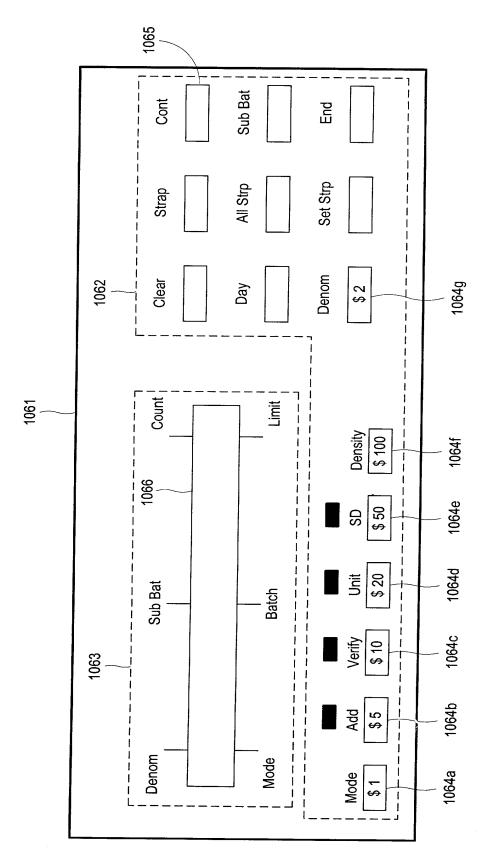


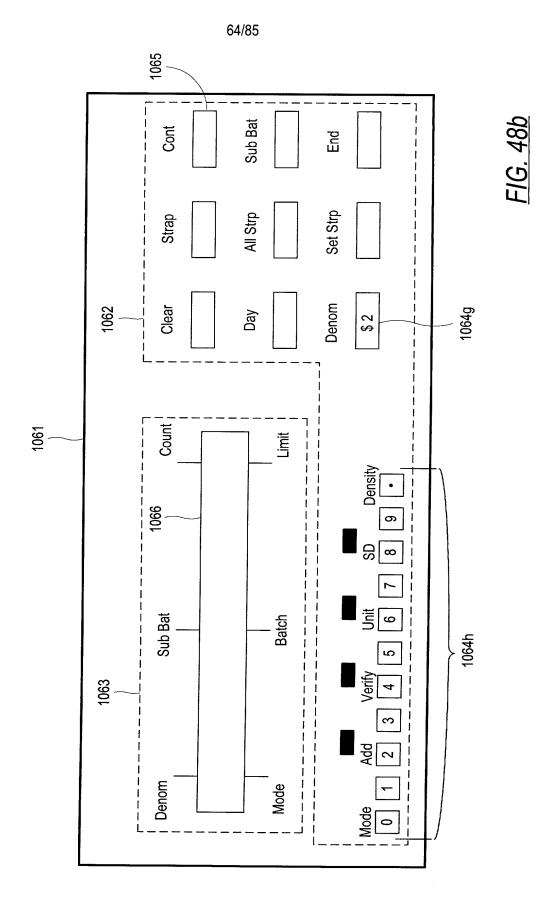


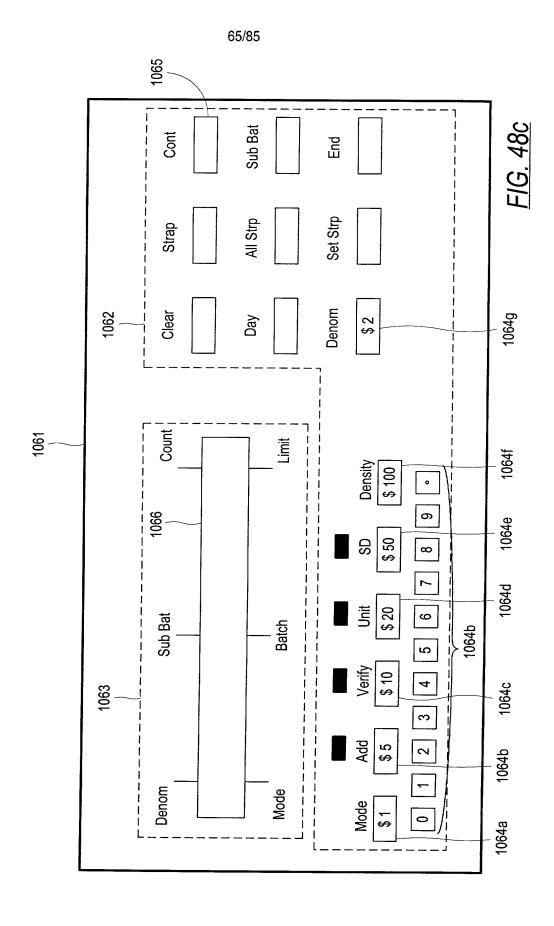


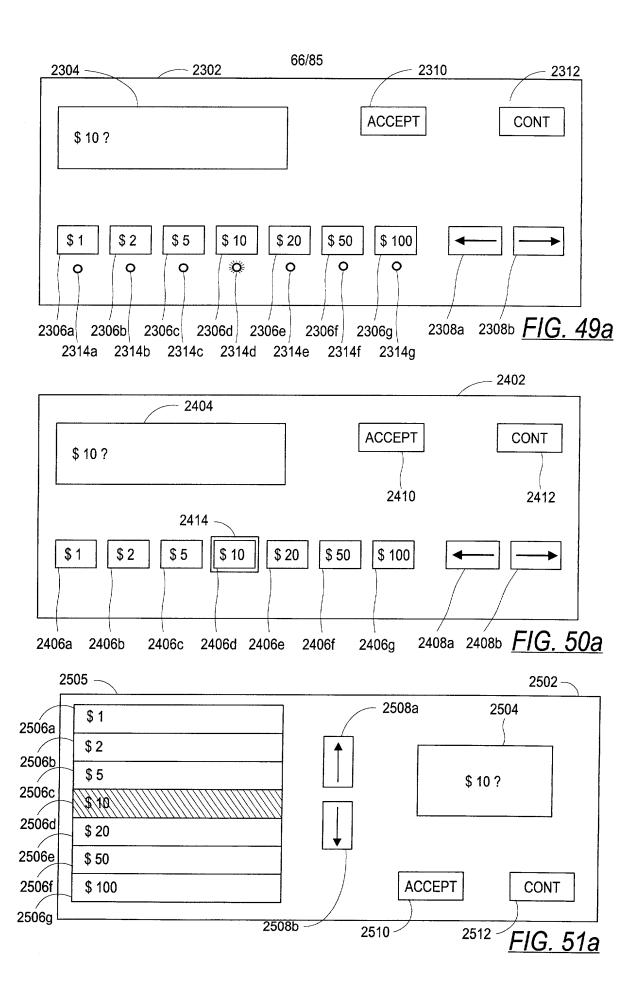


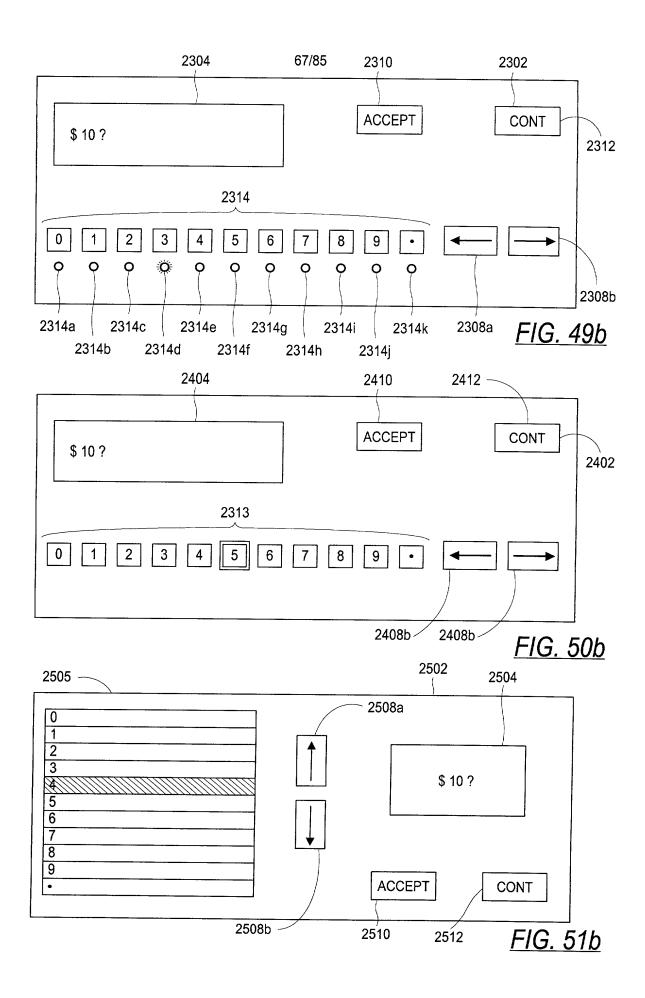


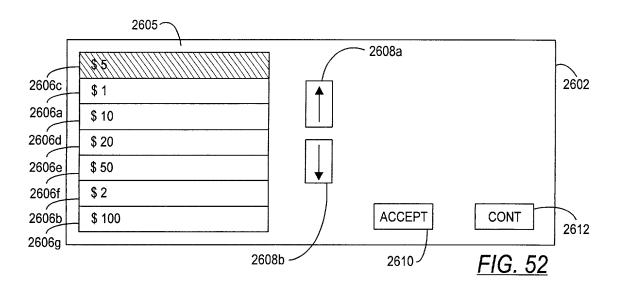


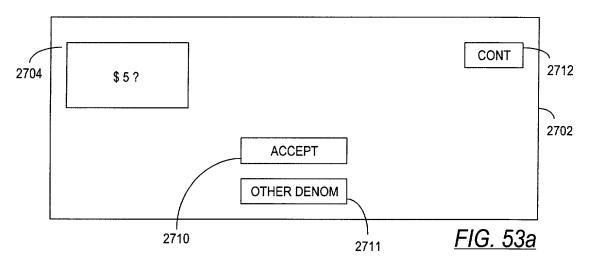


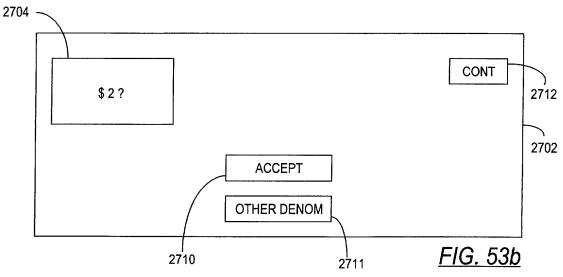


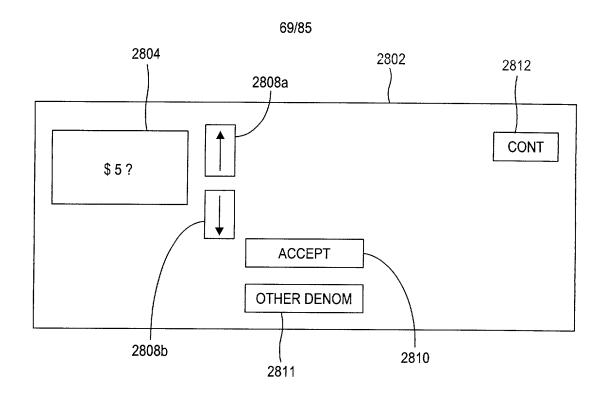












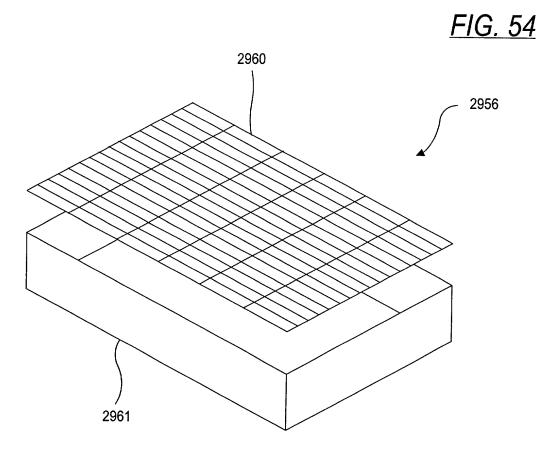
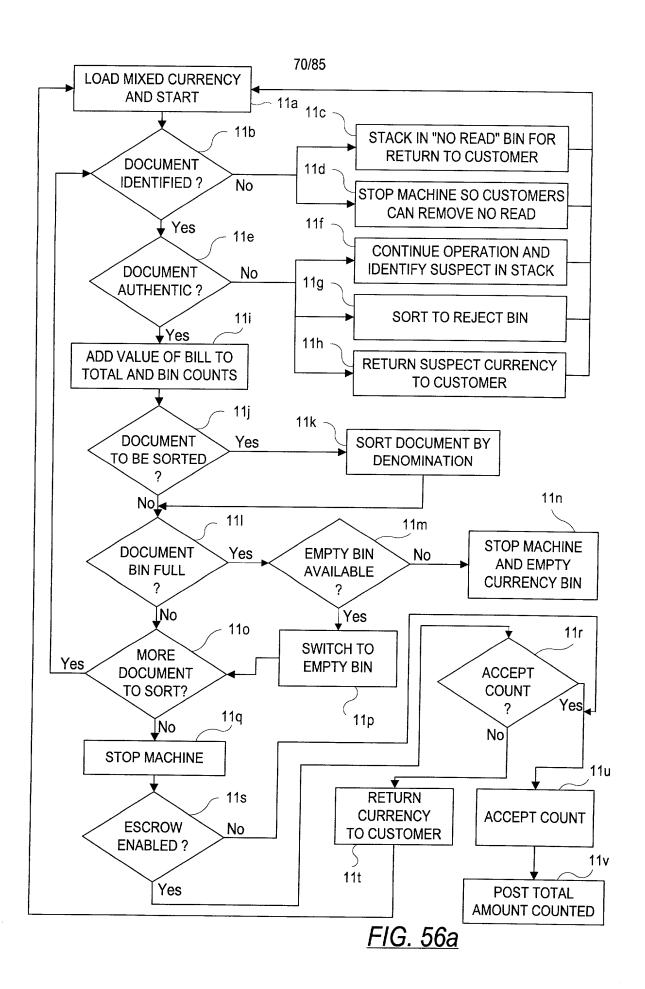
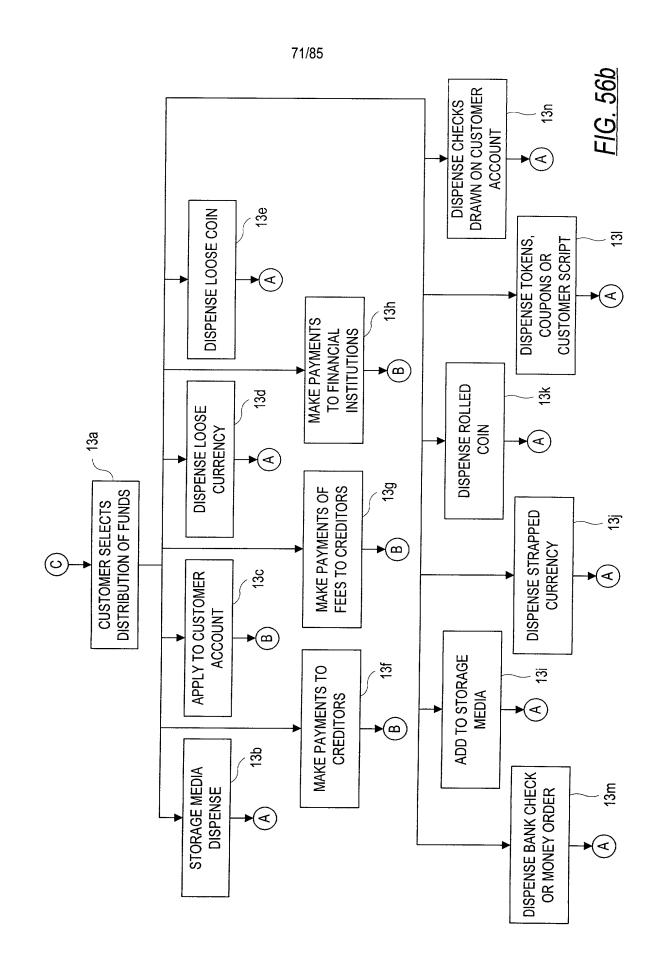
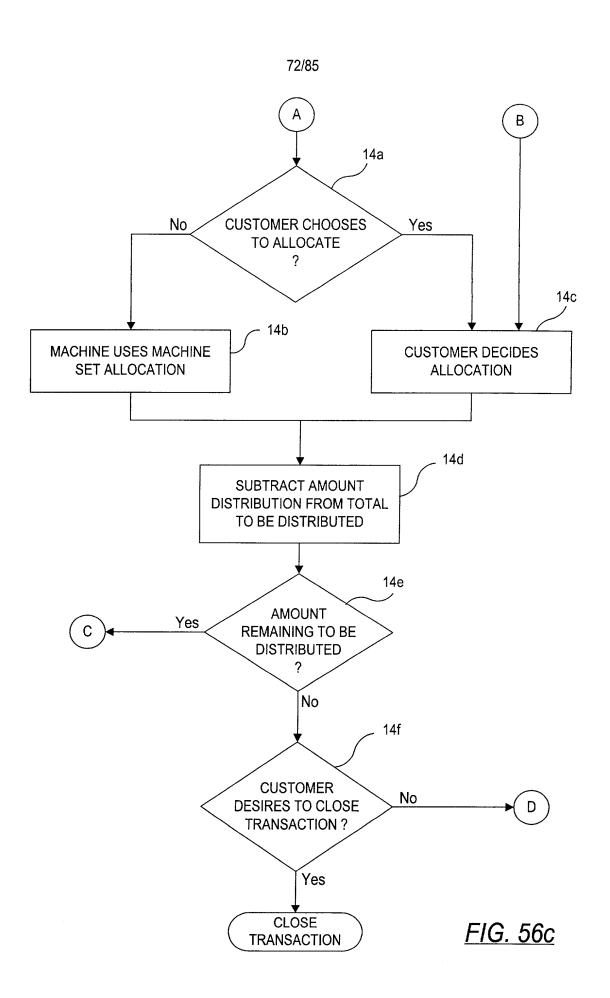
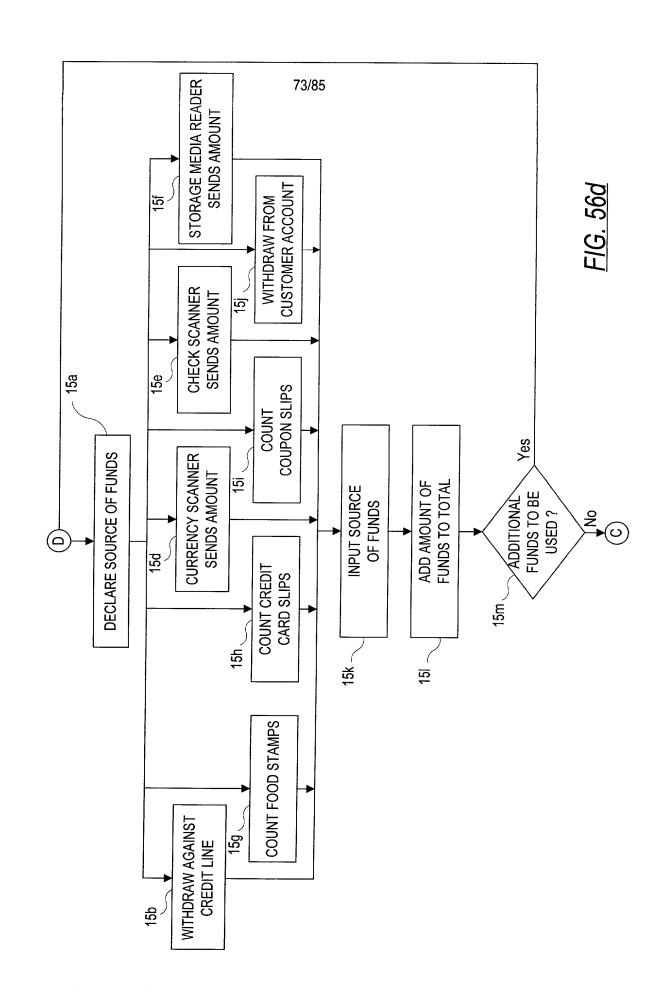


FIG. 55









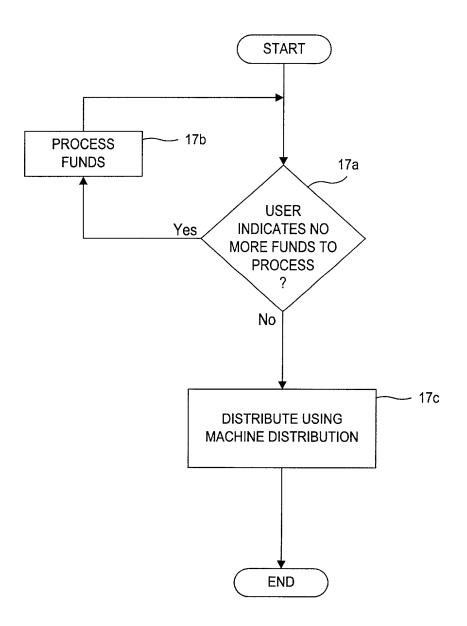
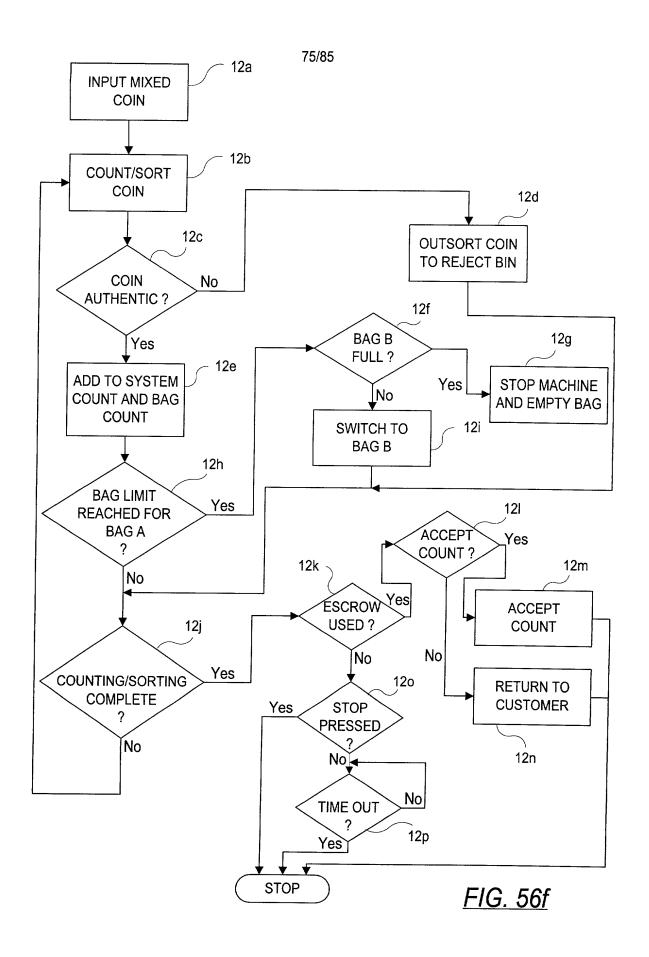
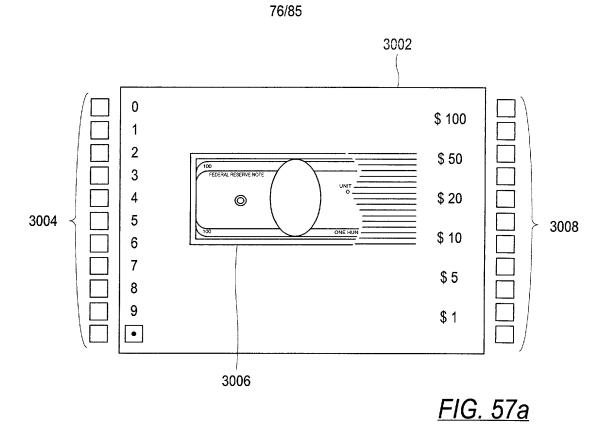
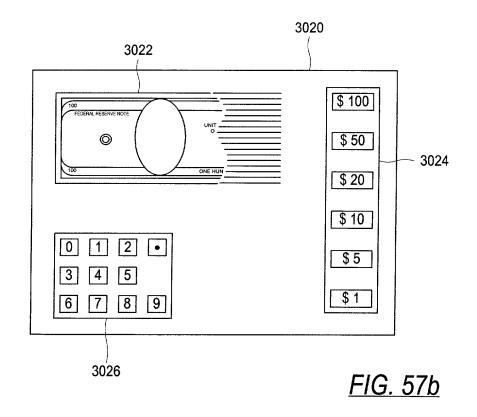
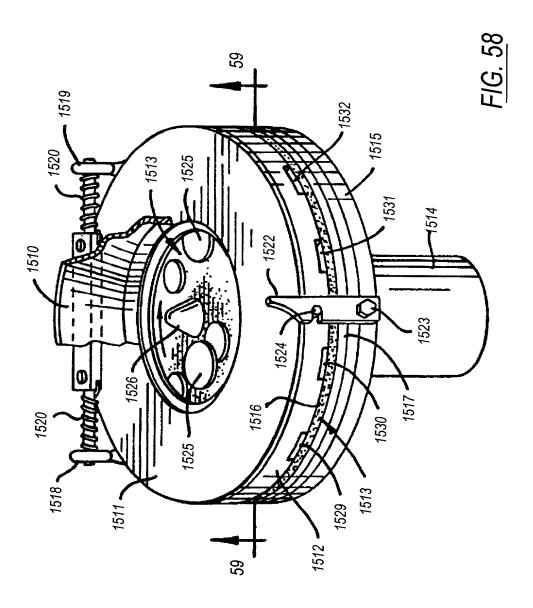


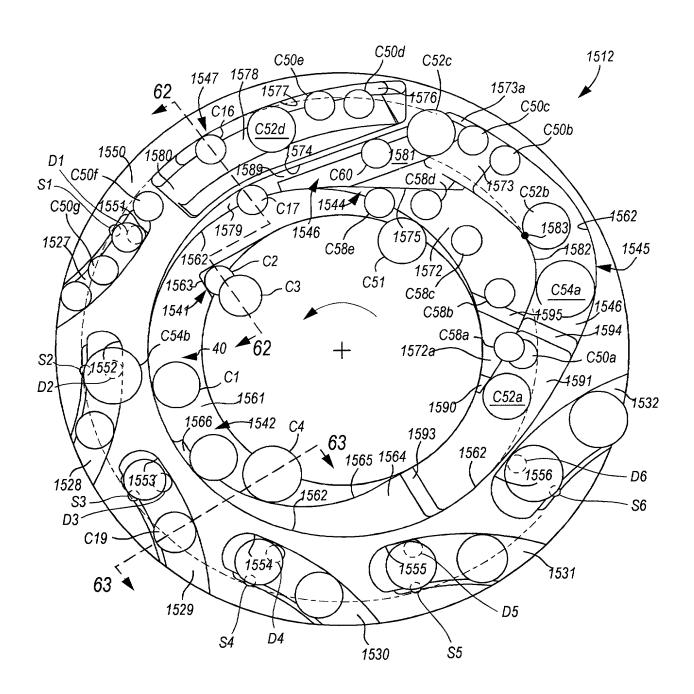
FIG. 56e











*FIG.* 59

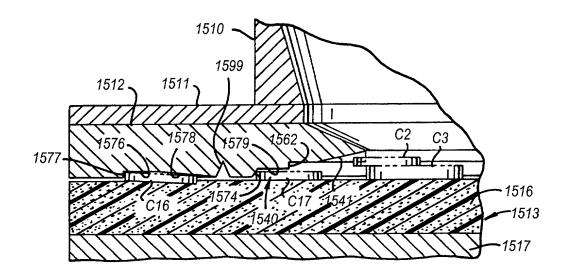


FIG. 60

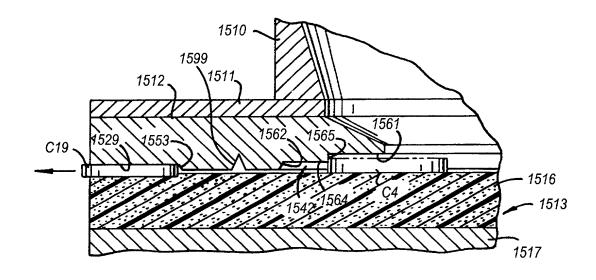
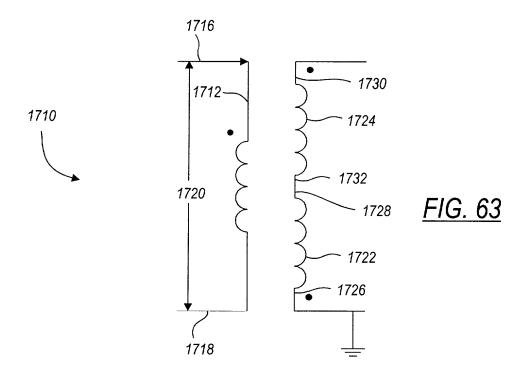
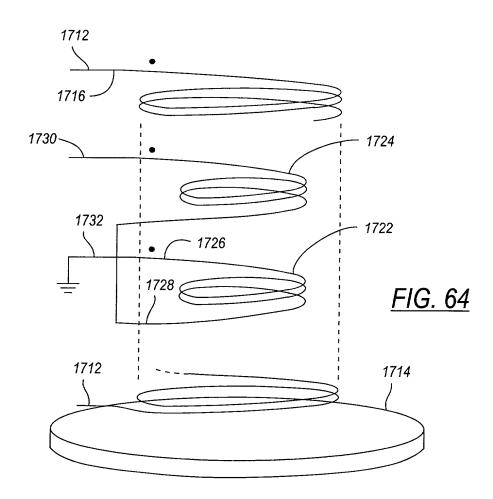
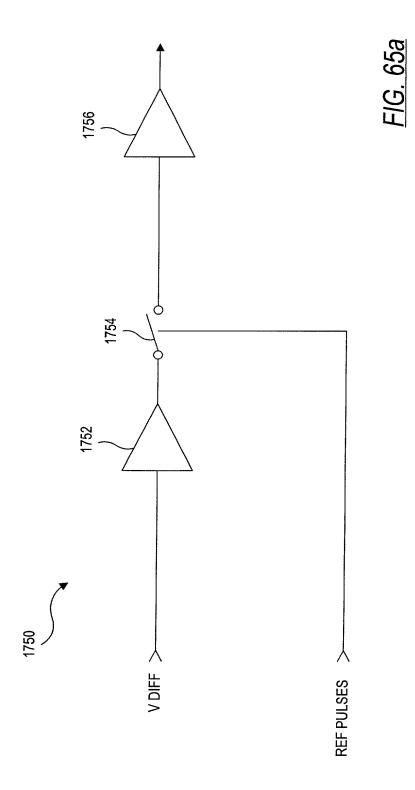


FIG. 61







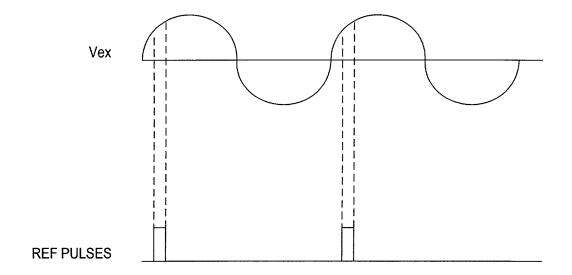


FIG. 65b

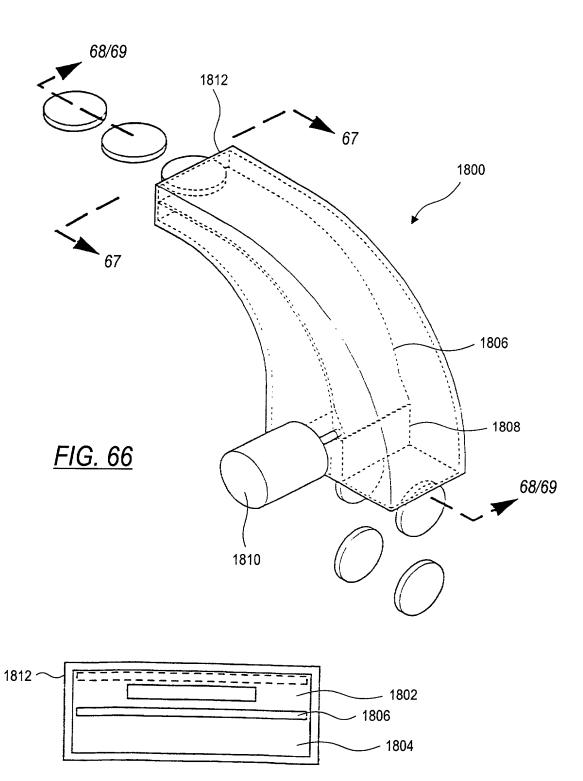
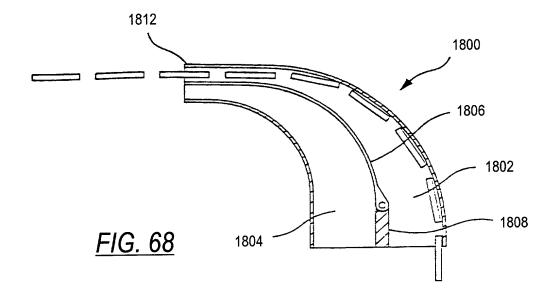


FIG. 67



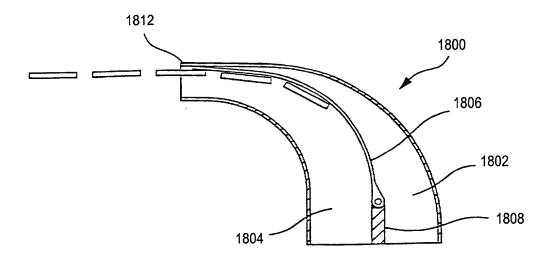


FIG. 69